

HEAVY DUTY

PRODUCT CATALOG



Valvoline[™]

KEEPING THE WORLD MOVING SINCE 1866[™]



OFFICIAL PARTNER

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INTRODUCTION

GALENA · SIGNAL · OIL · CO.

Valvoline is one of the world's first and most enduring lubricant brands. That fact alone makes Valvoline special. But it also reflects the values we uphold, and the proof of value we deliver. The world has changed considerably, since Dr. John Ellis introduced Valvoline in 1866. Valvoline not only evolved, but launched many groundbreaking innovations that changed the industry. Today, professional and consumer markets continue to trust Valvoline because we offer a better formula for businesses and consumers through innovative products, services and tools.

ABOUT VALVOLINE

OUR VALUES, VOW & VISION

Middle of the road is simply not good enough. As a specialized maintenance company, we develop premium products. But we also have to be extraordinary beyond products.

OUR VALUES

- > It all starts with our people
- > Safety is always our priority
- > We are committed to winning... the right way
- > We work hard, celebrate success and have fun
- > We strive for greatness

OUR VOW

Our vow is to bring “Hands-On Expertise” for the benefit of our customers every day, moving the business forward with speed and excellence.

OUR VISION

We are building the world’s leading engine and automotive maintenance business. We will accelerate growth around the world by increasing our focus and investment in:

- > The Valvoline brand, built on superior products and service
- > Technology that enables speed, innovation and increased efficiency in every aspect of our business
- > Strong value-adding relationships with our channel partners



**PERFORMANCE
GUARANTEE**

PERFORMANCE GUARANTEE

Performance is the only proof of product quality. With the Valvoline Performance Guarantee, Valvoline assures that its products will perform.







Heavy Duty Product Catalog

- 1** Valvoline warrants that products will meet the applicable specifications provided by Valvoline for each of our products. The wide range of Valvoline products feature individual formulations that meet and, in some cases, exceed the latest industry and vehicle OEM specifications.
- 2** Valvoline only uses the highest quality base oils and the most technologically advanced additive systems to provide our customers with lubricants of unsurpassed quality.
- 3** Valvoline products are proven to provide added performance, longer life and better protection for your equipment.
- 4** Furthermore, Valvoline tests each batch of oil during the blending process. On-site quality assurance coordinators make certain that product specifications are maintained without exception.






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ENGINE OIL



ENGINE OIL PORTFOLIO

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PROFLEET

- > Full synthetic
- > Premium quality and performance
- > ACEA E4, E6, E7 and E9 compliant
- > For modern trucks & buses
- > Approved by all major OEM's



ALL-FLEET

- > Mineral or synthetic technology
- > Excellent engine protection
- > For mixed applications
- > Approved by most major OEM's



HD

- > Conventional formulation
- > Protects the engine against wear and corrosion
- > Single grade motor Oil
- > For service Fleets



PREMIUM BLUE

- > Unique formulations
- > Engineered together with Cummins
- > Extended drain capable
- > Approved by Cummins and many other OEM's



PROFLEET



PROFLEET HEAVY DUTY ENGINE OILS

Superior performance to reduce operating costs

Ultra high performance diesel (UHPD) oils are designed to provide superior lubricant performance for the latest and next generation low-emission diesel engines. The ProFleet range of engine oils is developed to reduce friction in the engine, resulting in improved fuel efficiency. By providing outstanding cleanliness in both engines and exhaust aftertreatment systems and meeting manufacturer's extended-drain requirements, ProFleet becomes the ideal heavy duty engine oil to help lower overall operating costs.

Benefits ProFleet Engine Oils

- > Product performance is acknowledged and approved by leading engine manufacturers
- > Full synthetic heavy duty engine oils
- > Developed with the latest additive technology
- > Offering outstanding Total Base Number retention
- > Resulting in reduced engine wear
- > Excellent high sulfur diesel protection
- > Outstanding bio-diesel protection
- > Superior cold start protection
- > Improved fuel efficiency
- > Offering extended drain intervals
- > Improving productivity, reducing operating costs



ProFleet LS 5W-30

- > Full synthetic ACEA E6 heavy duty engine oil
- > Strong and thin oil film reducing friction in the engine and proven to reduce fuel consumption
- > Providing superior Total Base Number (TBN) retention. Outstanding protection against engine wear for a very long period
- > Superior protection against bio-diesel effects and high sulfur diesel consequences
- > Developed for trucks, buses and off-road engines equipped with EGR, SCR and DPF systems

Approvals

Deutz DQC IV-10 LA ; MAN M 3691, M 3677, M 3575, M 3477, M 3271-1 ; MB-Approval 228.51 ; Volvo VDS-4, VDS-3, CNG (417-0001-15-878) ; Mack EO-O Premium Plus ; Renault RLD-3, RXD

Performance Levels

ACEA E4, E6, E7, E9 ; API: CI-4, CJ-4 ; Cummins CES 20081 ; DAF* ; Iveco 18-1804 TLS E6 ; MB-228.31 ; MTU Type 3.1, 2.1 ; Caterpillar ECF-3 ; Scania LDF-4, Scania Low Ash

ProFleet LA 5W-30

- > Full synthetic ACEA E6 heavy duty engine oil
- > Strong and thin oil film reducing friction in the engine and proven to reduce fuel consumption
- > Providing superior TBN retention. Outstanding protection against engine wear for a very long period
- > Developed for trucks, buses and off-road engines equipped with EGR, SCR and DPF systems

Approvals

MAN M 3477, M 3677**, MB-Approval 228.51, Volvo VDS-3, Mack EO-N, Renault RLD-2

Performance Levels

ACEA E6, E7, API: CI-4, Cummins CES 20076/78, Deutz DQC III-10 LA, Iveco 18-1804 TLS E6, MB-226.9, MB-228.31, MTU Type 3.1, JASO DH-2

Material Number Table	20L	208L	1000L	BULK
ProFleet LS 5W-30	797172	797004	848268	796747
ProFleet LA 5W-30	870232	870231	-	870139

* Check owner's manual before use

** Field trial pending



ProFleet LS-X 10W-40

- > Full synthetic ACEA E6/E9 heavy duty engine oil
- > Specially developed for use in long haul, modern and mixed fleets
- > Made with state-of-art detergent and dispersant additives and high quality full synthetic base oil
- > Helps to keep the engine clean and in good condition over extended oil drain periods

Approvals

MAN M 3477; MB-Approval 228.51; Volvo VDS-4 (417-0000-17-1018); Mack EO-0 Premium Plus; Renault RLD-3, RLD-2

Performance Levels

ACEA E6, E7, E9, API: CI-4, CJ-4, Cummins CES 20081, DAF*, Deutz DQC IV-10 LA, MB-228.31, MTU Type 3.1 & 2.1, Caterpillar ECF-3, Volvo VDS-3, CNG



ProFleet LS 10W-40

- > Full synthetic low ash ACEA E6 heavy duty engine oil providing extreme engine cleanliness and allowing for extended drain intervals
- > Providing superior TBN retention to neutralize harmful acids formed during combustion. Outstanding protection against engine wear for a very long period
- > Providing superior protection during start-ups in extreme cold temperatures
- > Developed for modern trucks, buses and off-road engines equipped with EGR, SCR and DPF systems

Approvals

MAN M 3477, MB-Approval 228.51, Volvo VDS-3 (417-0002-17-1238), Mack EO-N, Renault RLD-2

Performance Levels

ACEA E6, E7, API: CI-4, Cummins CES 20076/77, DAF Extended drain*, Deutz DQC III-10 LA, Iveco 18-1804 TLS E6, MAN M 3271-1, MTU Type 3.1, Caterpillar ECF-1-a



ProFleet 5W-30

- > Full synthetic ACEA E4 heavy duty engine oil for improved productivity and reduced operating costs
- > Strong and thin oil film reducing friction in the engine and proven to reduce fuel consumption
- > Providing superior TBN retention for outstanding protection against engine wear for a very long period
- > Superior protection against bio-diesel effects and high sulfur diesel consequences

Approvals

MAN M 3277; MB-Approval 228.5; Scania LDF-3; Volvo VDS-3 (417-0002-15-1216); Mack EO-N; Renault RLD-2

Performance Levels

ACEA E4, E7; Cummins CES 20077; DAF*; Deutz DQC IV-10; Ford WSS-M2C212-A; Iveco 18-1804 TE; MB-235.28; MTU Type 3; Voith Retarders Class B fluid



ProFleet 10W-40

- > Full synthetic ACEA E4 heavy duty engine oil providing extreme engine cleanliness and allowing for extended drain intervals
- > Providing superior TBN retention to neutralize harmful acids formed during combustion. Outstanding protection against engine wear for a very long period
- > Providing superior protection during start-ups in extreme cold temperatures
- > Specially developed and approved to meet the stringent requirements of Scania LDF-3

Approvals

MAN M 3277, MB-Approval 228.5, Scania LDF-3, LDF-2, Euro 6, Volvo VDS-3 (417-0002-16-1106), Mack EO-N, Renault RXD/RLD-2,

Performance Levels

ACEA E4, E7, API: CF, DAF*

Material Number Table	5L	20L	208L	1000L	BULK
ProFleet LS-X 10W-40	-	881885	881883	881882	881741
ProFleet LS 10W-40	VE13971	VE13976	VE13978	VE13975	VE90186
ProFleet 5W-30	-	614447	VE13938	VE13935	VE90185
ProFleet 10W-40	VE13911	VE13906	VE13918	VE13915	VE13919



ALL-FLEET

Heavy Duty Product Catalog



ALL-FLEET HEAVY DUTY ENGINE OILS

Extra durability for long-drain performance

Developed for a wide range of heavy-duty engines, All-Fleet engine oils combat the higher levels of contamination and soot created in extended-and long-drain operations to maintain advanced levels of engine protection and cleanliness. The All-Fleet range of super high performance diesel (SHPD) engine oils meets required OEM specifications, and helps fleet owners optimize engine life-cycle cost and performance.

Benefits All-Fleet Engine Oils

- > Advanced additive technology reduces oil consumption and component wear
- > Outstanding protection over long-drain intervals
- > Superior soot control and corrosion protection
- > The optimum choice when maximizing life-cycle costs
- > Compatible with EGR, SCR and DPF systems



All-Fleet Extreme LE 5W-40

- > Full synthetic ACEA E9 / API CJ-4 heavy duty engine oil, compatible with DPF after treatment systems
- > Specially designed to perform in extreme winter temperatures
- > Fuel efficient engine oil

Performance Levels/Approvals

ACEA E7, E9; API: CI-4, CI-4 plus, CJ-4/SM; Caterpillar ECF-3; Detroit Diesel 93K218; Global DHD-1; JASO DH-2; MAN M 3275; MB-228.3, 228.31; MTU Type 1 & 2; Volvo VDS-4; Mack EO-0 Premium Plus; Renault RVI RLD-3

All-Fleet Extreme LE 10W-30

- > ACEA E9 / API CJ-4 heavy duty engine oil specially engineered to meet the medium extended drain requirements of the world's leading truck manufacturers
- > The product can be used in Euro 1, 2, 3, 4, 5, and 6* engines with or without Diesel Particle Filter (DPF) and for most engines with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) after treatment systems

Approvals

MAN M 3575 ; MB-Approval 228.31 ; Volvo VDS-4 ; Mack EO-0 Premium Plus ; Renault RLD-3

Performance Levels

ACEA E9; API: CJ-4/SM/SN; Caterpillar ECF-3, ECF-2, ECF-1-a; Cummins CES 20081; DDC 93K218; Deutz DQC III-10LA; MTU Type 2.1

Material Number Table	20L	208L	1000L	BULK
All-Fleet Extreme LE 5W-40	-	802221	848301	848345
All-Fleet Extreme LE 10W-30	880051	880020	880019	880050

* Euro 6 oil recommendations differ per truck brand.
Check owner's manual before use



All-Fleet Extreme LE 10W-40

- > ACEA E9 / API CJ-4 heavy duty engine oil specially engineered to meet the medium extended drain requirements of the world's leading truck manufacturers
- > The product can be used in Euro 1, 2, 3, 4, 5, and 6* engines with or without Diesel Particle Filter (DPF) and for most engines with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) after treatment systems

Approvals

Deutz DQC III-10 LA; MB-Approval 228.31; MTU Type 2.1; Volvo VDS-4; Mack EO-0 Premium Plus; Renault RLD-3

Performance levels

ACEA E9; API: CJ-4 / SN; Caterpillar ECF-3; DDC 93K218; MAN M 3575; Scania Low Ash



All-Fleet Extra LE 15W-40

- > ACEA E9/API CJ-4 heavy duty engine oil providing excellent engine protection and allowing for extended oil drain intervals
- > Specially designed for On-Road Euro 4, 5 and Euro 6 standards and Off-Road Stage 3B/Tier 4 low emission engines with DPF and SCR systems. Always consult OEM manual
- > The product can also be used in older engines where ACEA E7 is recommended

Approvals

MAN 3575; MB-Approval 228.31; MTU Type 2.1; Volvo VDS-4 (417-0001-16-1001); Mack EO-0 Premium Plus; Renault RLD-3

Performance levels

ACEA E9; API: CG-4, CH-4, CI-4, CJ-4, SN; Caterpillar ECF-3; Cummins 20081; Detroit Diesel 93K218; Deutz DQC III-10 LA; Volvo VDS-3



All-Fleet Superior 10W-40

- > ACEA E4 heavy duty engine oil made with synthetic technology, providing excellent engine protection and allowing for extended oil drain intervals
- > Suitable for trucks and off-road engines without DPF, allowing for full SAPS engine oil
- > The strong additive technology is providing excellent cold start protection and is keeping the engine clean over a long period
- > Compatible with EGR and SCR systems

Approvals

MAN M 3277, MAN M 3377; MB-Approval 228.5; MTU Type 3; Volvo VDS-3 (417-0002-17-1455); Mack EO-N; Renault RXD/RLD-2

Performance levels

ACEA E4, E7; Deutz DQC IV-10



All-Fleet Extreme 10W-40

- > ACEA E7 heavy duty engine oil providing improved thermal and oxidation stability
- > Fulfills the requirements of Euro 3, 4 and some Euro 5 trucks and off-road engines without DPF, allowing for full SAPS engine oil. Always consult OEM manual
- > Easy start ups under very cold conditions
- > Compatible with EGR and SCR systems

Approvals

MAN M 3275-1; MB-Approval 228.3; Volvo VDS-3 (417-0002-17-1457); Mack EO-N, EO-M Plus; Renault RLD/RLD-2

Performance levels

ACEA E7, E5, E2; API: CI-4, CH-4, CG-4; Caterpillar ECF-2, ECF-1-a; Cummins CES 20076, 20077, 20078; Deutz DQC III-10; Global DHD-1; MTU Type 2

Material Number Table	5L	20L	60L	208L	1000L	BULK
All-Fleet Extreme LE 10W-40	-	851886	-	851885	851884	849701
All-Fleet Extra LE 15W-40	781679	703678	-	707479	842871	692639
All-Fleet Superior 10W-40	-	807011	-	806950	848269	806587
All-Fleet Extreme 10W-40	606078	VE13766	VE13777	VE13778	VE13775	VE13779

* Euro 6 oil recommendations differ per truck brand. Check owner's manual before use



All-Fleet Extra 15W-40

- > ACEA E7 heavy duty engine oil developed for maximized engine durability
- > Fulfills the requirements of Euro 3 and 4 trucks and off-road engines without DPF, allowing for full SAPS engine oil
- > Compatible with EGR and SCR systems

Approvals

Deutz DQC III-10; MAN 3275-1; MB-Approval 228.3; MTU Type 2; Volvo VDS-3; Renault RLD/RLD-2; Mack EO-N, EO-M Plus

Performance levels

ACEA E7; API: CI-4, CF, SL; Caterpillar ECF-2, ECF-1-a ; Cummins CES 20076/77/78; DDC 93K215; Global DHD-1



All-Fleet 15W-40

- > High performance universal mixed fleet oil, recommended for gasoline, LPG and diesel engines
- > Specially engineered to provide extra protection for vehicles operating under severe service demands of mixed fleets
- > Providing excellent soot dispersancy and piston deposit control to keep engines cleaner
- > Also recommended for off-road vehicles, light commercial vehicles, vans, passenger cars and pleasure boats

Performance Levels/Approvals

API: CG-4, MAN M 271, MB-228.1



All-Fleet 20W-50

- > High performance universal mixed fleet oil, recommended for gasoline, LPG and diesel engines where 20W-50 is preferred
- > Specially engineered to provide extra protection for vehicles operating under severe service demands of mixed fleets
- > Also recommended for off-road vehicles, light commercial vehicles, vans, passenger cars and pleasure boats

Performance Levels/Approvals

API: CG-4, MAN M 271, MB-228.1

Material Number Table	5L	20L	60L	208L	1000L	BULK
All-Fleet Extra 15W-40	VE13711	VE13706	VE13717	VE13718	VE13715	VE13719
All-Fleet 15W-40	VE12671	VE12666	VE12677	VE12678	VE12675	VE12679
All-Fleet 20W-50	-	VE12705	-	VE12718	-	VE12719

HD



VALVOLINE HD ENGINE OILS

Valvoline HD engine oil range provides unrivalled value across a variety of commercial vehicle and off-highway applications. Valvoline HD engine oils are mineral based, with advanced additive technology and backed by millions of kilometers of proven performance in combatting sludge build-up and component wear to give high-quality performance at an economical operating cost.

Benefits HD Engine Oils

- > Unrivalled value and protection for mixed-fleet applications
- > Advanced chemistry reduces friction and engine component wear
- > Additive technology prevents black sludge and maintains engine cleanliness
- > Suitable for on-road and off-highway applications
- > Recommended for use in high- and low-speed, four-stroke diesel engines
- > Suitable for industrial engines



Valvoline HD 10W

- > A premium quality, heavy-duty engine oil, for use in gasoline and diesel engines where the engine manufacturer recommends a single grade engine oil
- > Specially engineered for use in service fleets where it helps prevent formation of sludge caused by frequent stop-and-go driving

Performance Level
API: CF

Valvoline HD 30

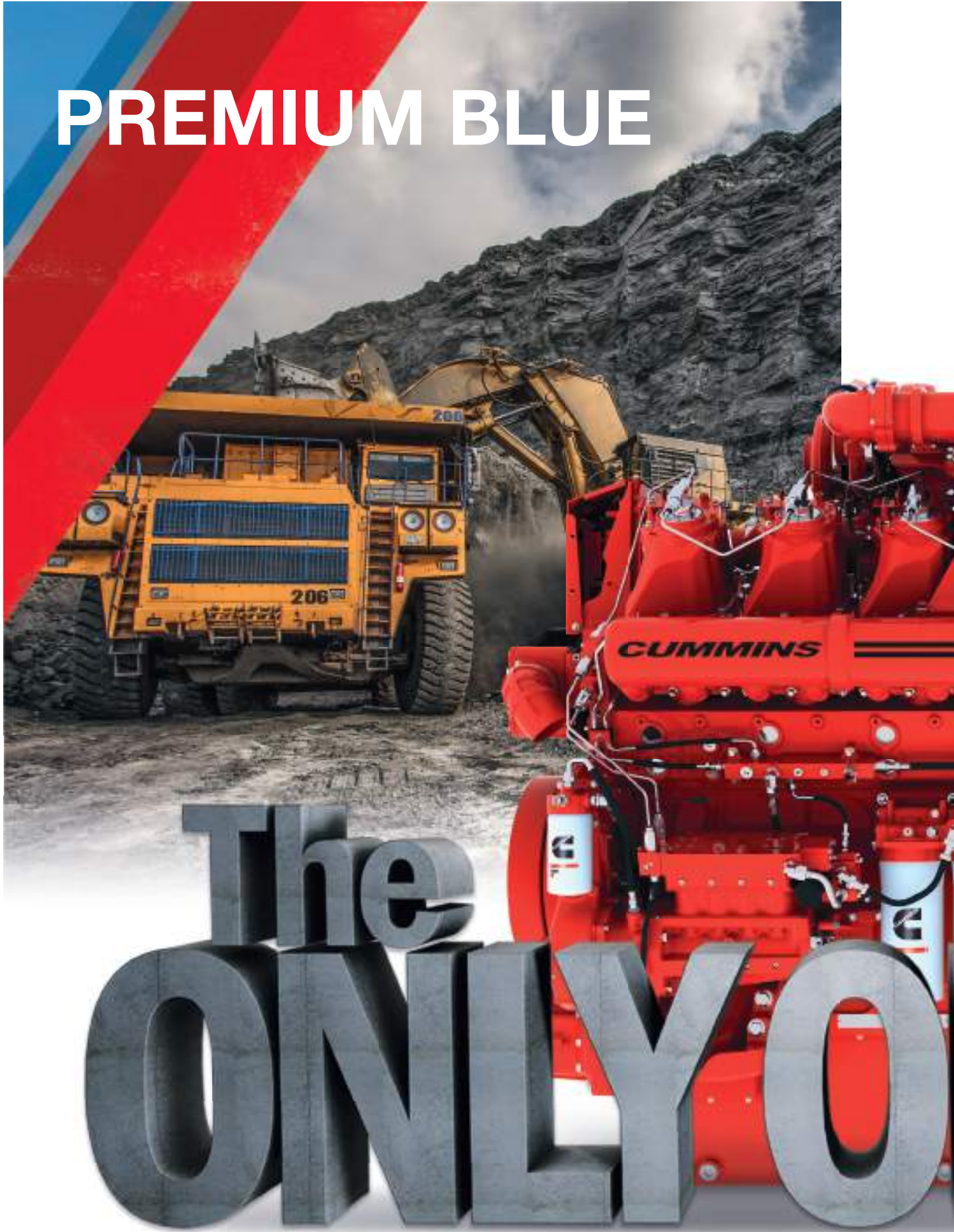
- > A premium quality, heavy-duty engine oil, for use in gasoline and diesel engines where the engine manufacturer recommends a single grade engine oil
- > Specially engineered for use in service fleets where it helps prevent formation of sludge caused by frequent stop-and-go driving

Performance Level
API: CF

Material Number Table	20L	208L	1000L	BULK
Valvoline HD 10W	VE12606	608865	VE12615	VE90188
Valvoline HD 30	VE12726	VE12738	-	VE12739

PREMIUM BLUE

Heavy Duty Product Catalog

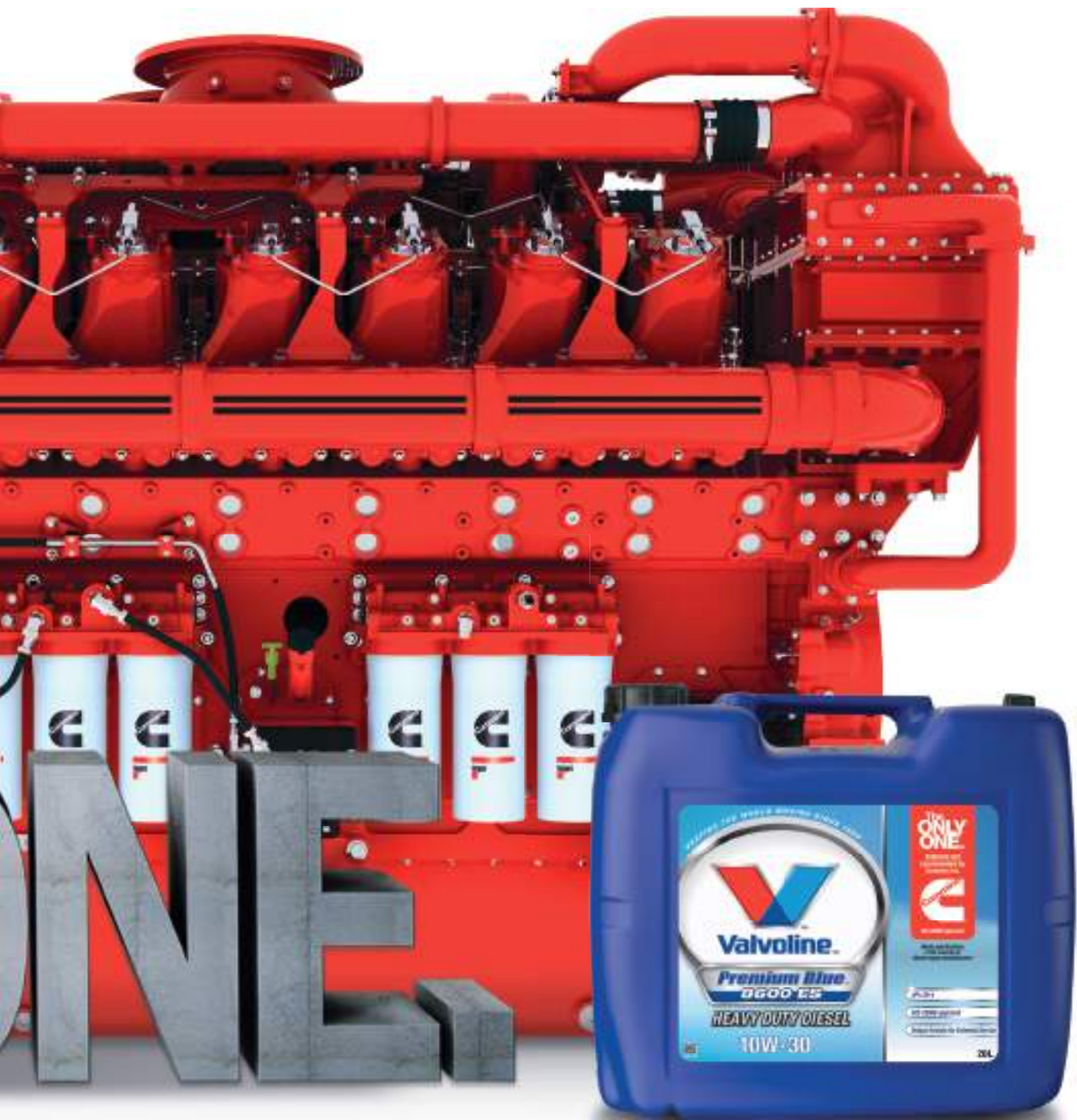


The
ONLYO

PREMIUM BLUE ENGINE OILS

Ultimate performance for Cummins engines

Cummins and Valvoline unified its worldwide lineup of the Premium Blue brand portfolio. This global branding upgrade creates clarity, with each formulation now having a consistent Premium Blue branding structure worldwide that is more clear and easier for Cummins users. The Premium Blue engine oil names incorporate a number that directly correlates to the CES (Cummins Engineering Standards). This is designed to help customers quickly and easily be able to find the Valvoline Premium Blue oil recommended for their equipment.



New generation Engine Oils

The technology behind Premium Blue engine oils was developed in partnership with Cummins. By combining the innovation and proven performance of premium Valvoline lubricants with Cummins' unparalleled expertise in diesel engines, we are taking engine design and lubricant technology to new performance levels.



Premium Blue 8600 ES 10W-30

- > Premium Blue 8600 ES is exclusively recommended and endorsed by Cummins and specially designed to support longer drain intervals in modern heavy duty engines
- > Uniquely formulated with synthetic base oil technology in combination with special additive technologies for Extended Service (ES) intervals
- > Provides advanced Fuel Economy up to 1.5% over 15W-40 conventional oils in on-highway operations
- > Exceeding the viscosity control of the latest API CK-4 limits by 80%, providing continued engine protection

Approvals

Cummins CES 20086 ; Deutz DQC III-10 LA ; Mack EOS-4.5 ; Renault RLD-4 ; Volvo VDS-4.5

Performance levels

ACEA E9, E7 ; API: CK-4, CJ-4, CI-4 Plus, CI-4 ; Cummins CES 20081; Detroit Diesel 93K222; JASO DH-2; Mack EO-O, EO-N; MB-228.31; MTU 2.1; Renault RLD-3; Volvo VDS-4, VDS-3



Premium Blue 8600 ES 15W-40

- > Premium Blue 8600 ES is exclusively recommended and endorsed by Cummins and specially designed to support Extended Service (ES) intervals in modern heavy duty engines
- > Proven superior oxidation resistance that exceeds API CK-4 limits by 50%.
- > Exceeding the viscosity control of the latest API CK-4 limits by 80%, providing continued engine protection
- > Superior performance in terms of piston deposit and filter plugging reduction exceeding the API CK-4 limits

Approvals

Cummins CES 20086 ; Deutz DQC III-10 LA ; Volvo VDS-4.5 (417-0003-16-0038) ; Mack EOS-4.5 ; Renault RLD-4

Performance levels

API: CK-4, CJ-4, CI-4 Plus, CI-4, CH-4; API: SN, SM; Caterpillar ECF-3, ECF-2; Cummins CES 20081; Detroit Diesel 93K222, 93K218, 93K215; Mack EO-O, EO-N; Renault RLD-3; Volvo VDS-4, VDS-3



Premium Blue 8100 10W-40

- > EURO 1, 2, 3, 4, 5, 6 applicable*
- > Fulfills off-highway stage IIIB* and Tier IV* legislation
- > Compatible with low emission after treatment systems
- > Designed to perform in harsh winter conditions
- > Maintains engine oil viscosity up to -40°C
- > Excellent TBN retention, preventing soot related wear
- > Allowing for extended drain intervals

Approvals

Cummins CES 20081; MAN M 3575; MB-Approval 228.31; Volvo VDS-4 (417-0001-16-912); Mack EO-O Premium Plus; Renault RLD-3

Performance Levels

ACEA E7, E9; API: CJ-4; Caterpillar ECF-3/ECF-2; Volvo VDS-3; DD 93K218; JASO DH-2; Scania Low Ash



Premium Blue 8100 15W-40

- > EURO 1, 2, 3, 4, 5, 6 applicable*
- > Fulfills off-highway stage IIIB* and Tier IV* legislation
- > Exceptional soot control. Prevents oil thickening and high temperature deposit formation
- > Suitable for use in EGR, SCR, DPF and other modern diesel engine technologies

Approvals

Cummins CES 20081; Deutz DQC-III-10 LA; MAN M 3575; MB-Approval 228.31; MTU Type 2.1; Volvo VDS-4; Mack EO-O, Premium Plus; Renault RLD-3

Performance Levels

ACEA E7, E9; API: CI-4, CJ-4/SN; Caterpillar ECF-3/ECF-2; Detroit Diesel DFS 93K218; JASO DH-2 Scania Low Ash; Volvo VDS-3

Material Number Table	5L	20L	60L	208L	1000L	BULK
Premium Blue 8600 ES 10W-30	-	882195	-	882192	882189	882000
Premium Blue 8600 ES 15W-40	-	882194	-	882191	882188	882045
Premium Blue 8100 10W-40	-	874300	-	874299	879867	876400
Premium Blue 8100 15W-40	-	874343	-	874342	874341	874356

* Oil recommendation differ per truck brand. Check owner's manual before use

Premium Blue natural gas engine oils

- Mobile applications

As being THE ONLY ONE endorsed and recommended by Cummins, Valvoline has the advantage of its unique global partnership with Cummins Power Generation and Cummins Westport. This enables Valvoline to be at the forefront of new gas engine technologies and jointly engineer and test the ultimate fluid for dedicated gas engine applications. Resulting in a strong and unique set of gas engine oils providing operators ultimate lubricant performance for maximized operational efficiency and engine reliability.



Premium Blue 7800 15W-40

- > Unique formula to provide enhanced performance
- > Special base additives can neutralize harmful acids over a longer period (TBN retention)
- > Contribution to reduced engine wear and break-down risk
- > Contribution to lower maintenance costs
- > Recommend for use in EGR and SCR systems

Approvals

Cummins CES 20078; Deutz DQC-III-10; MAN M 3275-1; MTU Type 2; Volvo VDS-3 417-0002-16- 1307; Mack EO-N; Renault VI RLD-2

Performance Levels

ACEA E7; API: CI-4; Caterpillar ECF-2; Cummins CES 20076, CES 20077; Detroit Diesel DFS 93K215, DFS 93K214; Global DHD-1; MB-228.3



Premium Blue GEO M-74 15W-40

- > Suitable for heavy duty applications fueled by CNG, LNG or propane
- > Formulated with premium quality Group I paraffinic base stocks and additive components
- > Provides outstanding lubrication of gaseous fueled engines
- > Ash content is minimized to reduce formation of "hot-spots" that can lead to increased NOx forming and catalyst poisoning
- > Advanced oxidation control
- > Superior resistance against oxidation and nitration, resulting in longer lasting engine oil

Approvals

Cummins CES 20074

Performance Levels

API: CF-4

Recommended for use in

Caterpillar; John Deere; Detroit Diesel DFS 93K216; MB-226.9; MB-228.3



Premium Blue GEO M-85 15W-40

- > Suitable for heavy duty applications fueled by CNG, LNG or propane
- > Formulated with premium quality Group II paraffinic base stock oils and additive components
- > Provides outstanding lubrication of gaseous fueled engines
- > Strong oil film protects engine against wear and corrosion
- > Provides increased oil flow to engine components for better lubrication at cold start-ups
- > Excellent TBN retention, excellent piston cleanliness, oxidation and nitration control

Approvals

Cummins CES 20085

Performance Levels

API: CF-4

Recommend for use in

Detroit Diesel DFS 93K216; MB-226.9; Volvo; Mack CNG

Material Number Table	5L	20L	208L	1000L	BULK
Premium Blue 7800 15W-40	870236	870235	870234	870233	870138
Premium Blue GEO M-74 15W-40	-	874346	874345	874344	874357
Premium Blue GEO M-85 15W-40	-	-	871983	-	872003

POWER GENERATION



POWER GENERATION - GAS ENGINE OILS

Superior protection and extended drains

High-performance lubricants developed to meet the demands of the latest stationary high output, highly turbocharged, spark ignited gas engines fueled with natural gas, bio-gas, landfill gas and other renewable gases.

Benefits of Premium Blue GEO Oils

- > Prevents engine wear caused by scuffing which leads to excessive blow-by and oil consumption
- > Reduces engine wear over long-drain intervals
- > Strong oxidation and nitration control
- > Optimized ash levels to minimize deposit build-up in combustion chamber, valves and pistons



Premium Blue GEO LA - ES

- > Premium Blue GEO LA - ES (Extended Service) is a premium quality, low ash engine oil designed to provide minimum piston deposit and valve train wear
- > Providing up to 6000 hour oil drain interval in Cummins QSV 81/91 natural gas engines
- > Formulated with premium quality paraffinic base stocks and state-of-art additive components to provide superior lubrication of natural gas engines
- > Formulated to meet the requirements of Cummins roller-follower natural gas engines in stationary service, with extended drain intervals
- > The extended drain capabilities of Premium Blue GEO LA - ES have demonstrated significant reductions in engine operating costs

Approvals

CES 14615 for Cummins; QSV81G / QSV91G engine series; QSK60G engine series; Waukesha Cogeneration engines

Recommend for

Four-stroke engines Caterpillar; MWM (Deutz); Dresser-Rand (Categories I, II, III); GE Jenbacher; Superior; Wärtsilä; Waukesha II, III); MWM (Deutz)



Premium Blue GEO LA - 40

- > Low-ash engine oil for use in stationary high output, highly turbocharged, spark-ignited natural gas engines
- > Formulated with premium quality paraffinic base stocks
- > Delicate balanced formulation to meet low ash requirements and simultaneously offering excellent detergent properties to help keep the engine cleaner, longer
- > Specially developed with, approved and endorsed by Cummins
- > Tested in Cummins QSV81/91 Series

Performance Levels/Approvals

API CD; Cummins QSV 81/91 series; Cummins QSK 45G, 60G, 81G, 91G; Caterpillar; Deutz TR 0199-99-2105 group D; Dresser-Rand; Waukesha

Material Number Table	208L	1000L	BULK
Premium Blue GEO LA - ES	876511	882620	876631
Premium Blue GEO LA - 40	VE17758	790310	VE17759



Premium Blue GEO MA - 40

- > Mid-ash engine oil for use in stationary engines running on natural gas that may contain corrosive components
- > Specially developed for, and tested in Cummins QSK60G series
- > Contains a special additive system for longer engine protection and the potential to reduce maintenance costs
- > Special additives help prevent oil thickening, deposit formation and filter plugging
- > Formulated with premium quality base oils, providing high resistance against oxidation and nitration

Performance Levels/Approvals

API: CF ; Cummins QSK 60G Engines (Multi and single turbocharger models)



Valvoline GEO Plus LA - 40

- > Formulated with premium quality base oils and a high-performance additive system to provide outstanding lubrication of bio-gas and landfill-gas-fueled engines
- > The low ash content of the oil is minimized to reduce sparkplug fouling and forming of combustion chamber “hot-spots” that can lead to increased nitrogen oxides (NOx) formation and detonation

Performance Levels/Approvals

GE Jenbacher Type 2, 3, 4 and 6. Fuel Class B and C (Bio gas & Landfill gas)

Material Number Table	208L	1000L	BULK
Premium Blue GEO MA - 40	844938	-	-
Valvoline GEO Plus LA - 40	833832	833831	833610



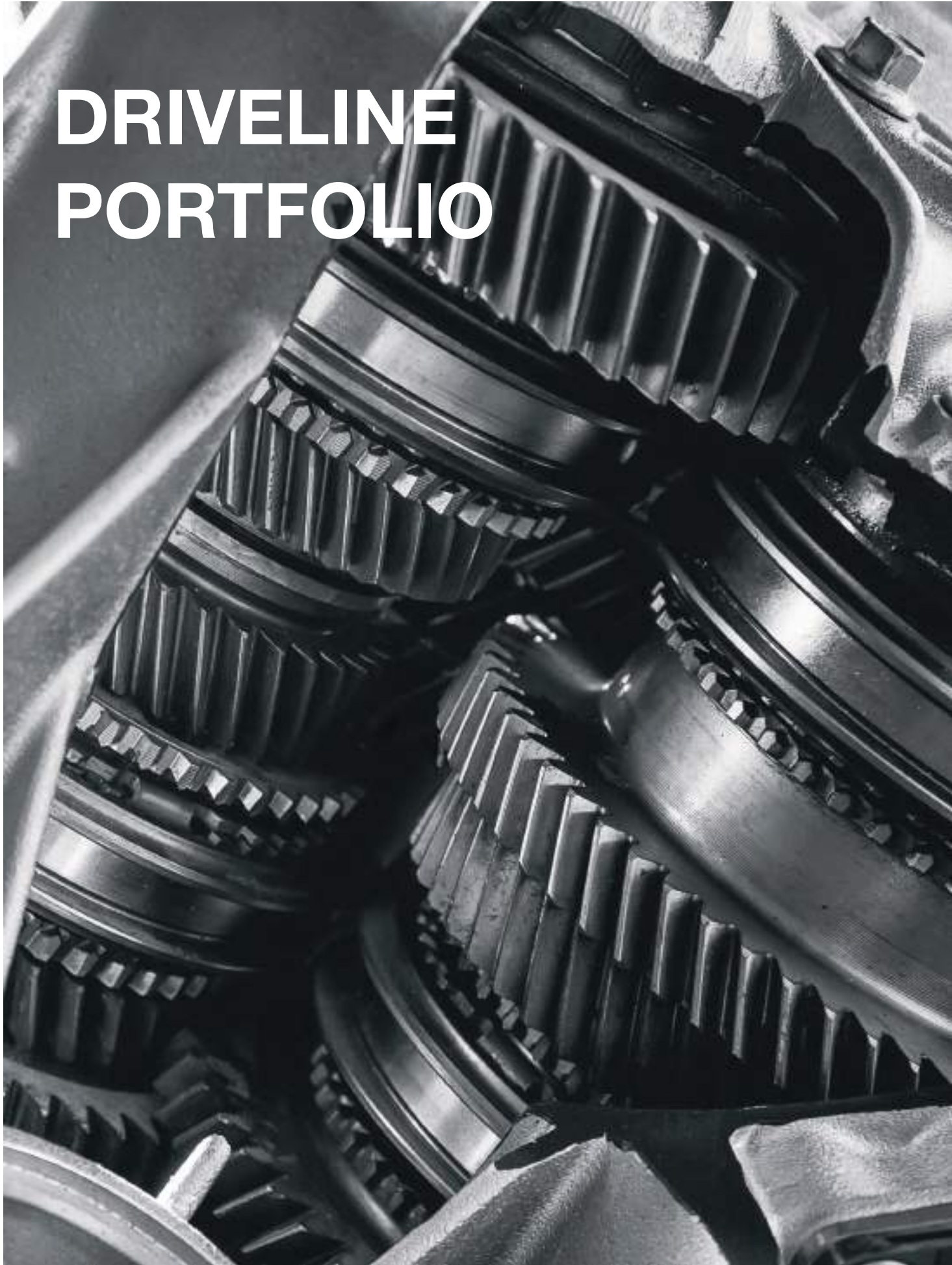




DRIVELINE LUBRICANTS







DRIVELINE PORTFOLIO



DRIVELINE PORTFOLIO OVERVIEW

Valvoline lubricants for driveline applications meet the highest demands of the latest heavy duty equipment. For those trucks requiring dedicated and official OEM approved driveline lubricants, Valvoline introduces a state of the art premium PRO solution. Products branded with the PRO mark are developed with the latest additive technology and will carry the official OEM approvals, making them the recommended solution for vehicles within warranty period.

For heavy duty applications out of warranty but still need to rely on a high quality and strong performing driveline lubricant, Valvoline introduces a dedicated portfolio that is suitable for use in multi-vehicle applications and consequently allow a workshop to carry a minimum number of products.

		OFFICIALLY OEM APPROVED PRODUCTS	MEETING OR EXCEEDING OEM SPECIFICATION
		OEM APPROVED IN- WARRANTY VEHICLE	MULTI-VEHICLE OUT-OF-WARRANTY
 Automatic transmissions	ATF	HD ATF Pro HD ATF Pro Eco HD ATF Pro Long Drain	HD ATF
 Manual transmissions	GEAR API GL-4	HD Gear Oil Pro 75W-80 HD Gear Oil Pro 75W-80 LD HD Gear Oil Pro 80W	HD Gear Oil 75W-80 HD Gear Oil 80W-90 HD Gear Oil 80W
 Rear axle / differential	AXLE API GL-5	HD Axle Oil Pro 75W-140 HD Axle Oil Pro 80W-90 HD Axle Oil Pro 80W-90 LD HD Axle Oil Pro 80W-90 LS	HD Axle Oil 75-90 LS HD Axle Oil 80W-90 HD Axle Oil 85W-140
 Total driveline	TOTAL DRIVELINE	HD TDL Pro 75W-90	HD TDL 75W-90

DRIVELINE OILS

OEM APPROVED

Heavy Duty Product Catalog



ULTIMATE PERFORMANCE FOR HEAVY DUTY VEHICLES

Valvoline lubricants for heavy duty gearboxes and transmissions meet the highest demands of driveline technology, because we understand that every minute your vehicle cannot be used will cost you money. So our products provide you secured mobility and warranty. Now and in the future, choose Valvoline PRO for the ultimate performance of heavy duty vehicles. Designed for the specifications of original equipment manufacturers, these products carry many official OEM approvals! Giving you the possibility to have one officially OEM approved product for multi-vehicle use.

VALVOLINE HEAVY DUTY ATF PRO

The share of automatic transmissions in heavy duty vehicles is rapidly growing. Valvoline offers you fully OEM approved automatic transmission fluids that are designed to ensure high performance and protection. Valvoline Heavy Duty ATF PRO is specially formulated to meet the needs of the modern, as well as conventional automatic transmissions of truck and buses. Formulated with the most advanced additive technology, Valvoline Heavy Duty ATF PRO provides outstanding thermal stability over a wide temperature range and offers superior protection against wear and corrosion.



Valvoline Heavy Duty ATF PRO

- > Increased low-friction properties, even under very cold conditions
- > Recommended for mix fleets

Approvals

MB-Approval 236.1, Voith H55.633533 (former G 607), ZF TE-ML 04D, 14A

Performance Levels

GM Dexron IID; Ford Mercon; MAN 339 Type Z1, MAN 339 Type V1; Allison C-4; ZF TE-ML 03D, 05L, 09, 11A, 17C, 21L



Valvoline Heavy Duty ATF PRO ECO

- > Premium base oils and a highly balanced additive system avoid breakdowns and stick-slip even after long-time use
- > Especially developed for use in the most recent ZF EcoLife transmissions (ZF TE-ML 20C)
- > Exceed the requirements for ZF Ecomat transmissions (ZF TE-ML 14C)

Approvals

MB-Approval 236.9, MAN 339 Type Z3, Z12, V1 Voith H55.6335.xx, Volvo 97341 ZF TE-ML 04D, 14C, 16M, 20C

Performance Levels

GM Dexron IID, Ford Mercon, MAN 339 Type Z1, V2, Allison C-4



Valvoline Heavy Duty ATF PRO Long Drain

- > Full synthetic automatic transmission fluid
- > Support long drain intervals
- > Superior temperature protection
- > Recommended for mix fleets

Approvals

MAN 339 Z-2, 339 V-2; MB-Approval 236.8; Voith H55.633633 (Extended drain. Former Voith G 1363); Voith H55.633638 (extended drain); Volvo 97335; ZF TE-ML 04D, 14B, 16L

Performance Levels

GM Dexron IIE, Ford Mercon, Allison C-4, ZF TE-ML 11A

Material Number Table	1L	5L	20L	60L	208L
Valvoline Heavy Duty ATF PRO	868208	866915	866916	866917	866918
Valvoline Heavy Duty ATF PRO ECO	-	867056	-	867057	-
Valvoline Heavy Duty ATF PRO Long Drain	-	-	866920	-	866921

VALVOLINE HEAVY DUTY GEAR OIL PRO

Easier shifting at low-temperatures and superior protection against wear and corrosion: Valvoline Heavy Duty Gear Oil PRO meets the needs of modern, as well as conventional gearboxes and transmissions of trucks, buses and other heavy duty applications. Fully OEM approved and specially formulated with the most advanced additive technology. Valvoline Heavy Duty Gear Oil PRO driveline lubricants provide outstanding thermal stability over a wide temperature range.

Heavy Duty Product Catalog



Valvoline Heavy Duty Gear Oil PRO 75W-80

- > Full synthetic gear oil
- > Provides fuel economy
- > For gearboxes with and without Volvo retarders

OEM Approvals

MAN 341 Type VR; MB-Approval 235.29; Volvo 97307

Performance Levels

API: GL-4; EATON Manual Transmission; MAN 341 Type E4; Voith Retarder 153.00090010



Valvoline Heavy Duty Gear Oil PRO 75W-80 Long Drain

- > Full synthetic gear oil
- > Supports long drain intervals
- > Provides fuel economy
- > For gearboxes with and without Volvo retarders
- > Recommended for mix fleets

OEM Approvals

MAN 341 Z-4; ZF TE-ML 01L, 02L, 16K (ZF001830)

Performance Levels

API: GL-4, DAF*, Eaton*, Iveco*, Renault* (in accordance with Renault note technique B0032/2 Annex 3), ZF TE-ML 08, 13, Volvo 97305



Valvoline Heavy Duty Gear Oil PRO 80W

- > Increased protection against wear and tear, also under high stress working conditions
- > Superior base oils and a highly balanced additive system avoid breakdowns even after long-time use
- > For gearboxes where the manufacturer recommends a API GL-4 SAE 80W gear oil

OEM Approvals

MB-Approval 235.1

Performance Levels

API: GL-4; MAN 341 Type E1(Eaton transmissions); MAN 341 Type Z2; ZF TE-ML 02B, 06L, 08, 16A, 17A, 19A, 19C

Material Number Table	1L	20L	208L
Valvoline Heavy Duty Gear Oil PRO 75W-80	-	866927	-
Valvoline Heavy Duty Gear Oil PRO 75W-80 Long Drain	868210	866929	866930
Valvoline Heavy Duty Gear Oil PRO 80W	-	867051	867052

* Check owners manual before use

VALVOLINE HEAVY DUTY AXLE OIL PRO

For smooth running axle operation under various temperature conditions, choose Valvoline Heavy Duty Axle Oil PRO. Specially designed for modern truck and bus axle applications and is fully OEM approved. The product is formulated with premium base stocks and additives to provide excellent driveline performance and ultimate protection against wear and corrosion.



Valvoline Heavy Duty Axle Oil PRO 75W-140

- > Full synthetic axle oil
- > Specially developed for severe operating environments

OEM Approvals

Scania STO 1:0 & STO 2:0A; ZF TE-ML 05A, 12N, 16F, 19C, 21A (ZF001874)

Performance Levels

API: GL-5, MT-1; Arvin Meritor 076-M; Mack GO-J



Valvoline Heavy Duty Axle Oil PRO 80W-90

- > Increased wear protection
- > Recommended for mix fleets

OEM Approvals

MB-Approval 235.0; MAN 342 Type M-2; ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17H, 19B, 21A (ZF001869)

Performance Levels

API GL-5, MT-1, Arvin Meritor 0-76-D, Scania STO 1:0, DAF*, Iveco*, MAN 341 Type Z-2 and E-2, MACK GO-J, MIL-PRF-2105E, SAE J2360, ZF TE-ML 07A, 08, 16C, 16D



Valvoline Heavy Duty Axle Oil PRO 80W-90 Long Drain

- > For rear axles and transaxles
- > Supports long drain intervals
- > Increased wear protection
- > Recommended for heavy duty axles over a wide temperature range

OEM Approvals

MB-Approval 235.20; MAN 342 Type M3; ZF TE-ML 05A, 12L, 12M, 16B, 17B, 19B, 21A (ZF001837)

Performance Levels

API: GL-5, MT-1; Arvin Meritor 0-76-D; SAE J2360; Scania STO 1:0; ZF TE-ML 07A, 08, 12E, 16C, 16D



Valvoline Heavy Duty Axle Oil PRO 80W-90 Limited Slip

- > For limited-slip axles
- > Special additives reduce noise in limited slip differentials
- > Increased wear protection over a wide temperature range

OEM Approvals

ZF TE-ML 05C, 12C, 21C**

Performance Levels

API GL-5, Arvin Meritor Axles

Material Number Table	1L	20L	208L
Valvoline Heavy Duty Axle Oil PRO 75W-140	-	867061	-
Valvoline Heavy Duty Axle Oil PRO 80W-90	-	867054	-
Valvoline Heavy Duty Axle Oil PRO 80W-90 Long Drain	-	866923	866924
Valvoline Heavy Duty Axle Oil PRO 80W-90 Limited Slip	868209	866925	866926

* Check owners manual before use

** Approval pending

VALVOLINE HEAVY DUTY TOTAL DRIVELINE PRO

Valvoline Heavy Duty Total Drive Line PRO is developed to offer one product for the complete driveline. A high performance product that is fully OEM approved and formulated with the most advanced additive technology to offer superior protection against wear and corrosion. Outstanding thermal stability over a wide temperature range and provides easier shifting at low-temperatures.

Heavy Duty Product Catalog



Valvoline Heavy Duty TDL PRO 75W-90

- > Total driveline oil capabilities
- > API MT-1 GL- 3/4/5 specification
- > Specially formulated for superior extreme temperature service
- > Provides fuel economy
- > Supports long drain intervals
- > Recommended for mix fleets

OEM Approvals

MAN 341 type Z2 (ZF); MAN 342 type S1; MB-Approval 235.8; SAE J2360; Scania STO 1:0; Volvo 97312; ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF001283)

Performance Levels

API: GL-4, GL-5, MT-1; Arvin Meritor Axles 0-76-N; Mack GO-J; MAN 341 type E3 (Eaton); MAN 342 type M3

Material Number Table	1L	20L	60L	208L	1000L
Valvoline Heavy Duty TDL PRO 75W-90	868211	866932	866933	866934	868212



DRIVELINE OILS

MEETING OEM SPECIFICATIONS

Heavy Duty Product Catalog



VALVOLINE HEAVY DUTY ATF

Different automatic transmissions have different needs. Valvoline Heavy Duty ATF is designed to service a wide range of vehicles. The advanced formulation meets the requirements of most automatic transmissions and helps to keep the transmission functioning properly. Valvoline Heavy Duty ATF enhances the performance and the life of modern and high-mileage transmissions.



Valvoline Heavy Duty ATF

- > Full synthetic automatic transmission fluid
- > Reduces varnish formation and wear resulting in improved transmission life
- > Improves power transfer performance and maintains smooth shifting longer than conventional automatic transmission fluids
- > Provides excellent flow properties at low temperatures and greater film protection at high temperatures

Recommended for use in the following applications

Allison C-4, Allison TES-295 and TES-389, Chrysler ATFs, DEXRON®-IIIH and IIIIG, and MERCON® MERCON V, MAN 339F, 339 V1 and V2, 339 Z1, Z2 and Z3, MB 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.9, Most Asian vehicle transmissions, Voith H55.6335.33(G607) and H55.6335.33(G1363), Volvo 97341, ZF TE-ML 14A, 14B, 14C, 16L, 17C

VALVOLINE HEAVY DUTY GEAR OIL

Truck and bus transmissions have different needs. Valvoline Heavy Duty Gear Oil meets the requirements of most manual transmissions where API GL-4 lubricants are recommended. Valvoline Heavy Duty Gear Oil has been successfully used as a problem solver for low temperature gear shifting issues in the manual transmissions of several manufacturers for multi-vehicle applications.



Valvoline Heavy Duty Gear Oil 75W-80

- > For manual transmissions
- > Offers smooth running gear operation under various temperature conditions
- > Protects against rust and corrosion
- > Increased wear protection over a wide temperature range

Performance levels

API GL-4

Material Number Table	1L	5L	20L	60L	208L
Valvoline Heavy Duty ATF	-	-	866937	866938	866939
Valvoline Heavy Duty Gear Oil 75W-80	868215	866950	868216	-	866951

VALVOLINE HEAVY DUTY GEAR OIL

Truck and bus transmissions have different needs. Valvoline Heavy Duty Gear Oil meets the requirements of most manual transmissions where API GL-4 lubricants are recommended. Valvoline Heavy Duty Gear Oil has been successfully used as a problem solver for low temperature gear shifting issues in the manual transmissions of several manufacturers for multi-vehicle applications.

VALVOLINE HEAVY DUTY AXLE OIL

Valvoline Heavy Duty Axle Oil offers smooth running axle operation under various temperature conditions for multi-vehicle applications. The product is specially formulated to provide excellent driveline performance and protection against wear and corrosion.



Valvoline Heavy Duty Gear Oil 80W

- > For manual transmissions
- > Offers smooth running gear operation under various temperature conditions
- > Protects against rust and corrosion
- > Increased wear protection over a wide temperature range

Performance Levels
API GL-4, ZF TE-ML 08



Valvoline Light & Heavy Duty Gear Oil 80W-90

- > For manual transmissions
- > Offers smooth running gear operation under various temperature conditions
- > Protects against rust and corrosion
- > Increased wear protection over a wide temperature range

Performance Levels
API GL-4



Valvoline Heavy Duty Axle Oil 75W-90 Limited Slip

- > For use in all limited slip transmissions where API GL-5 SAE 75W-90 is specified
- > Provides excellent protection under all weather conditions
- > Protects against rust and corrosion
- > For limited-slip axles

Performance Levels
API GL-5



Valvoline Light & Heavy Duty Axle Oil 80W-90

- > For rear axles and transaxles
- > Increased wear protection over a wide temperature range

Performance Levels
API GL-5, ZF TE-ML 07A, 08

Material Number Table	1L	5L	20L	208L
Valvoline Heavy Duty Gear Oil 80W	-	-	867059	866954
Valvoline Light & Heavy Duty Gear Oil 80W-90	868217	-	866956	866957
Valvoline Heavy Duty Axle Oil 75W-90 Limited Slip	-	867058	866948	-
Valvoline Light & Heavy Duty Axle Oil 80W-90	868214	866944	866945	866946

VALVOLINE HEAVY DUTY AXLE OIL

Valvoline Heavy Duty Axle Oil offers smooth running axle operation under various temperature conditions for multi-vehicle applications. The product is specially formulated to provide excellent driveline performance and protection against wear and corrosion.



Valvoline Heavy Duty Axle Oil 75W-140

- > Specially developed for severe operating environments
- > Increased protection against wear and tear, also under high stress working conditions

Performance Levels

API: GL-5, MT-1, Scania STO 1:0



Valvoline Heavy Duty Axle Oil 85W-140

- > For rear axles and transaxles
- > Increased wear protection over a wide temperature range

Performance Levels

API GL-5, ZF TE-ML 07A, 08

VALVOLINE HD TOTAL DRIVELINE

Valvoline Heavy Duty TDL 75W-90 is developed to meet many common specifications from leading manufacturers. It is suitable for many heavy duty gearboxes and differentials that are out of warranty and/or no longer require official OEM approvals, but can well be serviced with a driveline oil that is meeting minimum OEM performance levels.



Valvoline Heavy Duty TDL 75W-90

- > Total driveline oil capabilities
- > API MT-1 GL-3/4/5 specifications
- > Support long drain intervals
- > Recommended for mix fleets

Performance Levels

API: GL-4, GL-5, MT-1, Mack GO-J, MAN 341 type Z2 (ZF), MAN 342 type M3 (Meritor), MIL-PRF-2105E, Scania STO 1:0, ZF TE-ML 02B, 05A, 07A, 08, 12L, 12N, 16B, 17B, 19B, 21A

Material Number Table	1L	5L	20L	208L	BULK
Valvoline Heavy Duty Axle Oil 75W-140	-	-	879813	879814	-
Valvoline Heavy Duty Axle Oil 85W-140	868213	-	866941	866942	-
Valvoline Heavy Duty TDL 75W-90	-	-	882024	882028	882029





HYDRAULIC OILS



ULTRAPLANT

Heavy Duty Product Catalog



VALVOLINE ULTRAPLANT ES

Premium synthetic biodegradable hydraulic oil formulated for industrial and earth moving equipment working in sensitive eco systems. Valvoline Ultraplant ES-46 provides outstanding protection and lubrication of hydraulic systems over a wide temperature range. Suitable for use as ISO 32 and ISO 46 hydraulic oil.



Valvoline Ultraplant ES 46

- > Biodegradable
- > Formulated with high quality ester base oil for industrial and earth moving equipment
- > Excellent oxidation stability and good flow characteristics
- > Especially recommended for hydraulic systems working in nature

Performance Levels

CEC-L-33-A92, Swedish Standard

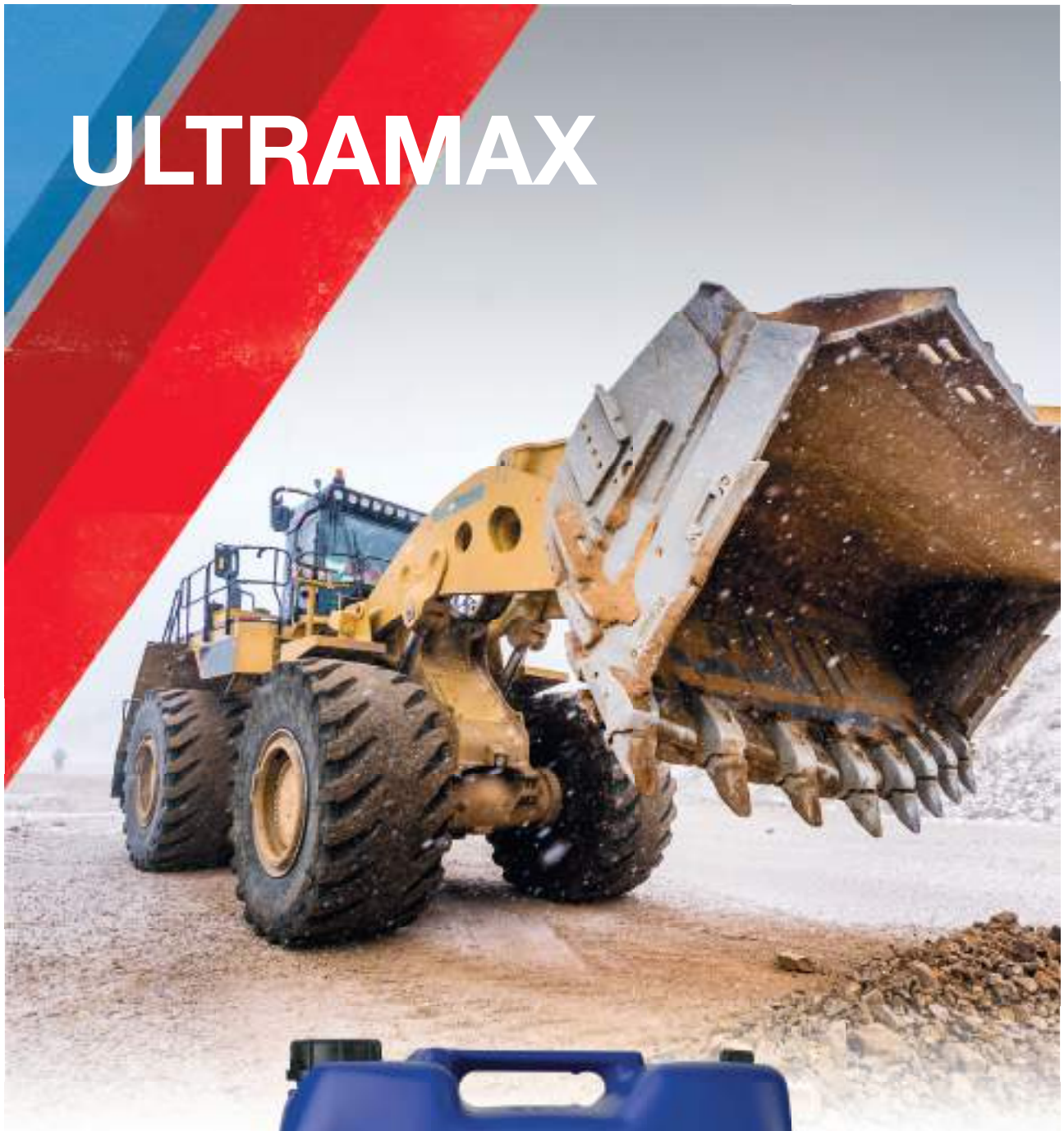
SS 155434, CEC-L-33-T 82

(30-99%-21 days)

Material Number Table	20L	208L
Valvoline Ultraplant ES 46	862939	VE16618

ULTRAMAX

Heavy Duty Product Catalog



PREMIUM HYDRAULIC OILS

Ultramax - The Premium choice

Premium hydraulic oils formulated for industrial and earth moving equipment. The Ultramax range is formulated with high quality base oils and enhanced with a stabilized zinc additive system. Specially selected additives will guarantee a low pour point, outstanding oxidation stability and enhanced flow characteristics. Excellent viscosity-temperature characteristics ensure suitability of using in several demanding situations and the high resistance to oxidation helps to extend service life.

Benefits Ultramax Hydraulic Oils

- > Excellent anti-wear and anti-corrosion protection
- > Developed with high quality (synthetic) base oils
- > High resistance to oxidation helping extends service life



Valvoline Ultramax Extreme S15, S32

- > High viscosity index improves system operation over a wide temperature range
- > Formulated with premium quality synthetic base oils
- > Safe cold start without heating
- > Prevents mechanical wear, corrosion and sludge
- > Reduces downtime

Performance Levels/Approvals

ISO VG 15
ISO VG 32

Valvoline Ultramax Extreme HVL 15, 22, 28

- > High viscosity index (HVI) hydraulic oil offers superior anti-wear protection and heavy-duty service performance
- > Excellent performance even in extreme climatic conditions especially when the hydraulic system is discontinued and the starting temperature of the oil is very low

Performance Levels/Approvals

ISO VG 15: AFNOR NFE 48-690/1; AFNOR NFE 48-603; ISO 11158 HV;
DIN 51524 part 3 HVLP
ISO VG 22: ISO 11158 HV ; DIN 51524 part 3 HVLP
ISO VG 28: AFNOR NFE 48-690/1 ; AFNOR NFE 48-603

Material Number Table	208L	1000L	BULK
Valvoline Ultramax Extreme S15	882151	-	-
Valvoline Ultramax Extreme S32	882152	-	-
Valvoline Ultramax Extreme HVL 15	882102	-	-
Valvoline Ultramax Extreme HVL 22	882103	-	-
Valvoline Ultramax Extreme HVL 28	804321	879289	809493



**Valvoline
Ultramax HVL
32, 46, 68**

- > Superior anti-wear protection and heavy-duty service performance even in extreme climatic conditions
- > Excellent low-temperature properties
- > Available in ISO 32, 46, 68 viscosity grades

Performance Levels

DIN 51524 (part 3); ASTM D6158 HM (2005); Bosch Rexroth RDE 90240; Eaton brochure 03-401-2010; Fives Cincinnati P-68, P-69 and P-70; General Motors LS2 (2004); ISO 11158 HM (FDIS 2008); JCMAS HK P041 (2004); Parker Denison HF-0 (Revision J); SEB 181 222 (2007); US Steel 126, 127, 136



**Valvoline
Ultramax HLP
32, 46, 68, 100, 150**

- > For use in a variety of hydraulic systems, including cranes, forklifts, loading ramps, tail-boards, etc.

Performance Levels

DIN 51524 (part 2); ASTM D6158 HM (2005); Bosch Rexroth RDE 90240; Eaton brochure 03-401-2010; Fives Cincinnati P-68, P-69 and P-70; General Motors LS2 (2004); ISO 11158 HM (FDIS 2008); JCMAS HK P041 (2004); Parker Denison HF-0 (Revision J); SEB 181 222 (2007); US Steel 126, 127, 136



**Valvoline
Ultramax HLP
ZF 46**

- > Zinc free (ZF) hydraulic oil
- > Excellent anti-wear performance and outstanding load carrying capabilities
- > Excellent filterability
- > High corrosion resistance
- > Compatibility with ferrous, yellow and white metals components
- > Available in ISO 46 viscosity grade

Performance Levels

DIN 51524 part 2, ISO 11158 HH, HL, HM, Denison HF-0, HF-1, HF-2, Vickers (Eaton) I-286-S, Vickers (Eaton) M-2950-S, General Motors LS-2, Cincinnati Machine P-68, P-69, P-70, Bosch Rexroth RE 90 220

Material Number Table	20L	208L	1000L	BULK
Valvoline Ultramax HVL 32	VE16206	VE16218	VE16215	VE16219
Valvoline Ultramax HVL 46	VE16226	VE16238	VE16235	VE16239
Valvoline Ultramax HVL 68	VE16246	VE16258	VE91109	VE90318
Valvoline Ultramax HLP 32	VE16426	VE16438	VE90320	VE16439
Valvoline Ultramax HLP 46	VE16446	VE16458	VE16455	VE16459
Valvoline Ultramax HLP 68	VE16466	VE16478	VE16475	VE16479
Valvoline Ultramax HLP 100	-	VE16498	-	VE90322
Valvoline Ultramax HLP 150	-	-	-	VE90323
Valvoline Ultramax HLP ZF 46	-	821256	808229	808227



VALVOLINE HLP/HVLP



CONVENTIONAL HYDRAULIC OILS

Valvoline HVLP/ HLP are conventional hydraulic oils formulated with quality mineral base oils and anti-wear additives to offer solid hydraulic performance in a wide range of applications.

Benefits Valvoline Hydraulic Oils

- > Good viscosity-temperature characteristics
- > Protects against corrosion, foaming and sludge forming
- > Formulated with quality mineral base oils



Valvoline HVLP 32, 46, 68

- > Formulated with quality mineral base oils
- > Suitable for industrial and earth moving equipment
- > High quality anti-wear additives
- > Protects against corrosion, foaming and sludge forming
- > Available in ISO 32, 46 and 68

Performance Levels/Approvals
DIN 51524 (part 3)

Valvoline HLP 32, 46, 68

- > Conventional hydraulic oil
- > Good viscosity-temperature behaviour
- > Protects against corrosion, foaming and sludge forming

Performance Levels/Approvals
DIN 51524 (part 2)

Material Number Table	20L	208L	1000L	BULK
Valvoline HVLP 32	878854	878853	878852	878701
Valvoline HVLP 46	878857	878856	878855	878702
Valvoline HVLP 68	878860	878859	878858	878703
Valvoline HLP 32	878269	854005	853970	856917
Valvoline HLP 46	878270	854004	853969	856918
Valvoline HLP 68	878271	854002	853967	856920





AGRICULTURE, CONSTRUCTION & MARINE OILS



AGRICULTURE

Heavy Duty Product Catalog



AGRICULTURAL OILS

Reliable, versatile and unique products for farmers

The Valvoline range of products for the agriculture segment includes universal products for engines, transmissions, differentials and hydraulic systems.

Benefits Agricultural Oils

- > Multi-purpose fluids
- > Minimizes misapplications
- > Protection against wear and corrosion
- > Excellent friction properties



Valvoline STOU 10W-30, 10W-40, 15W-40

- > API GL-4, CF-4
- > A premium, multi-functional oil specially formulated for use in agricultural equipment engines, transmissions and wet-brake systems and integral hydraulic systems
- > Can be used for total tractor lubrication (including front axle final drives) helping to eliminate misapplication and reducing the number of products required on hand

Performance Levels/Approvals

API CF-4, CE/SF, API GL-4, Allison C3, C4, Massey Ferguson M1139, M1144, MF1145, Ford M2C-159B, 30, 40 Series, John Deere JDM J27, Caterpillar TO-2, ZF TE-ML-06A, B, C, D, 07B



Valvoline Unitrac 80W

- > API GL-4
- > A premium multi-purpose fluid designed for year-round service in tractor hydraulic systems, transmissions and differentials with wet-brake systems and final drives. The product is not designed for use as an engine lubricant.
- > Protects against wear and corrosion of tractor components and has excellent friction properties

Performance Levels/Approvals

API GL-4, Case MS 1205/6/7/9, Case MS 1205/10, Case MAT 3505, MAT 3509 (MS1230), Ford M2C-159B, Ford/New Holland FNHA-2-C-200.00, Ford/New Holland FNHA-2-C-201.00 (A), John Deere J20 D, ZF TE-ML 06E, White Farm (AGCO) Q-186 Massey Ferguson M 1135/1141/ 1143/1145, Ford M2C-134 A/B/C/D, M2C 86 B/C, M2C-43, John Deere J20 A/B/C, J14 B/C, J21A, ZF TE-ML 03E, 05F, 06K, 17E, Kubota UDT, Steiger SEMS 17001, Versatile 23M, 24M, Volvo VME, VCE WB 101, Allison C3, C4

Material Number Table	5L	20L	208L	1000L	BULK
Valvoline STOU 10W-30	-	VE17006	VE17018	-	VE90327
Valvoline STOU 10W-40	-	881223	881222	-	881224
Valvoline STOU 15W-40	-	VE17046	VE17058	-	VE17059
Valvoline Unitrac 80W	882126	VE17106	VE17118	VE17115	VE17119

CONSTRUCTION



HEAVY DUTY POWERSHIFT TRANSMISSION AND DRIVE TRAIN OIL

DT transmission oils are formulated with premium base stocks and a carefully selected additive package to meet the challenging demands of modern heavy-duty equipment.

Benefits DT Transmission oils

- > Optimum protection against wear and tear
- > Superior base oils and a highly balanced additive system avoid breakdowns even after long-time use.
- > Excellent viscosity-temperature properties even at low temperatures.



DT Transmission Oil 10W, 30, 50

- > A heavy-duty lubricant designed and recommended for applications requiring oils meeting the leading Caterpillar TO-4 or the Allison C-4 specifications
- > Designed for use only in transmissions and drive trains, and should not be used as engine oil. Suitable for Caterpillar's road building equipment with wet-brakes

Performance Levels/Approvals

DT Transmission Oil SAE 10W

API GL-4; Caterpillar TO-4; Allison C-4; ZF TE-ML 03C, 07D, 07F; Komatsu KES 07.868.1 ; Caterpillar TO-2; Eaton Fuller*; Dana*; Euclid* Sperry Vickers/Eaton I-280-S, M-2950-S

DT Transmission Oil SAE 30

API GL-4; Caterpillar TO-4; Allison C-4; Allison TES-439; ZF TE-ML 03C, 07D, 07F; Komatsu KES 07.868.1; Caterpillar TO-2; Eaton Fuller*; Dana* Euclid*; Sperry Vickers/Eaton I-280-S, M-2950-S

DT Transmission Oil SAE 50

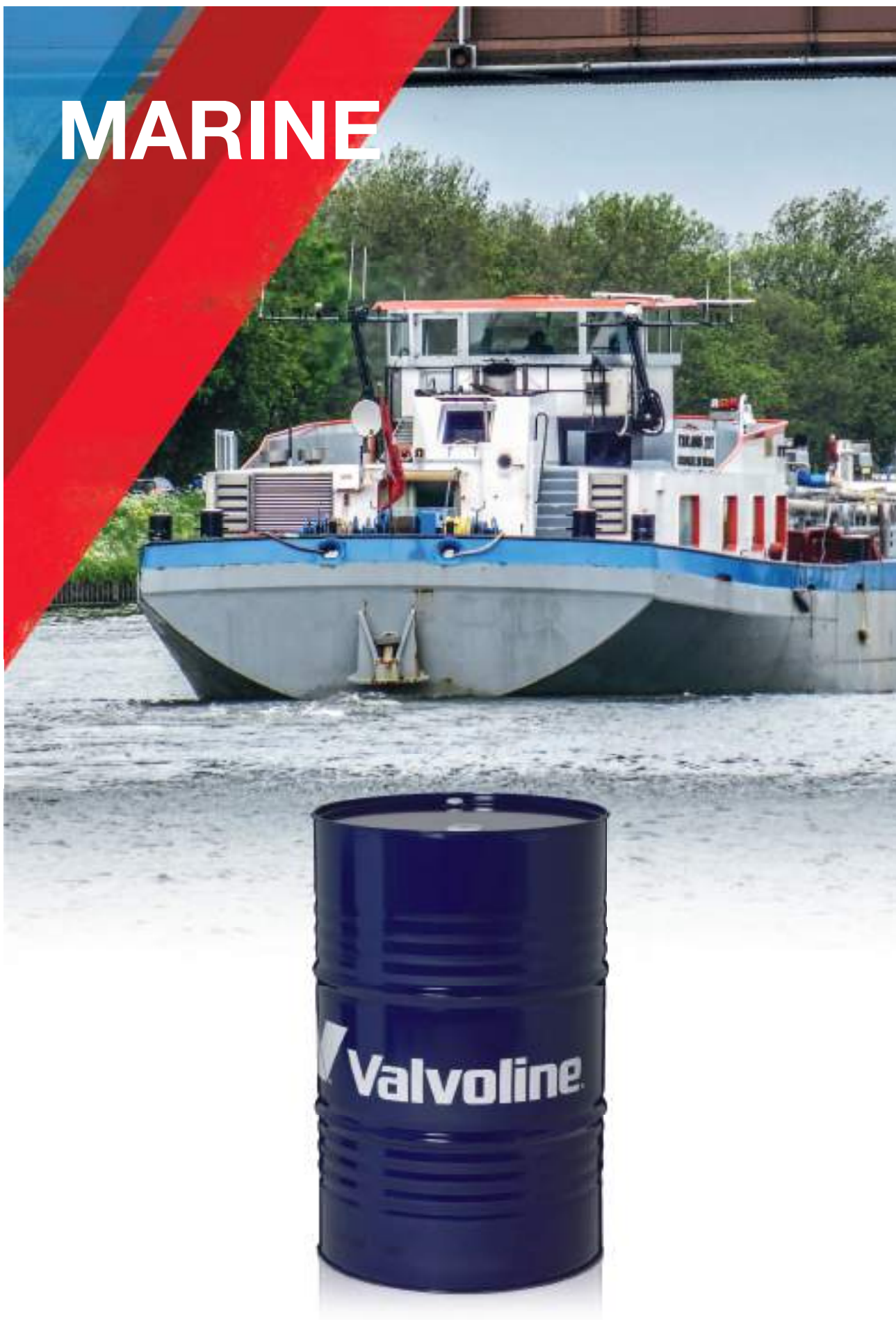
API GL-4; Caterpillar TO-4; Komatsu KES 07.868.1; Caterpillar TO-2; Eaton Fuller*; Dana*; Euclid*; Sperry Vickers/Eaton M-2950-S

Material Number Table	20L	208L	1000L
DT Transmission Oil 10W	819582	VE17818	883048
DT Transmission Oil 30	756754	VE17838	883049
DT Transmission Oil 50	883051	VE17858	883050

* For applications where a TO-4 is needed

MARINE

Heavy Duty Product Catalog



MARINE OILS

Proven technology for marine applications

The Valvoline range of marine products includes engine oils specially designed for diesel and gas marine engines.

Benefits Marine oils

- > Proven technology for marine gas and diesel engines
- > Protects against sludge formation and wear



Valmarin

TP 1230, 1240

- > SAE 30, 40
- > Specially designed for medium- and high-speed marine trunk piston gas and diesel engines
- > Prevents ring-sticking, wear and deposit formation, and helps keep engines clean
- > Fulfills the requirements of most major marine diesel engine manufacturers

Performance Levels/Approvals

API CF, MAK, MAN B&W, SEMT Pielstick, New Sulzer Diesel, Wärtsilä.

Material Number Table	208L	BULK
Valmarin TP 1230	VE16118	VE16119
Valmarin TP 1240	VE16138	VE16139



INDUSTRIAL OILS



COMPRESSOR OILS



COMPRESSOR OILS

Developed to support smooth operations even at elevated temperatures, Valvoline Compressor oils are formulated with the latest additive technologies to provide exceptional lubrication, cold resistance, high viscosity index, and excellent oxidation and thermal stability.

Benefits Valvoline Compressor Oils

- > Reduces heat, oxidation and wear
- > Wide operating temperature range
- > Extends compressors life and provides lower maintenance cost



Compressor Oil S32, S46, S68 - Synthetic

- > Full synthetic
- > Wide operating temperature range
- > Reduces heat, oxidation, and wear
- > Extended oil change interval
- > Exceptional anti-wear, anti-rust, demulsibility and anti-oxidation properties

Performance Levels/Approvals

Compressor Oil S32
ISO VG 32, DIN 51506 VDL
Compressor Oil S46
ISO VG 46, DIN 51506 VDL
Compressor Oil S68
ISO VG 68, DIN 51506 VDL

Compressor Oil 68, 100, 150, 220 - Mineral

- > Good rust resistance
- > Excellent low foaming properties
- > Minimizes the impact of sludge and deposit foaming
- > Exceeds the Pneurop oxidation test 2.5

Performance Levels/Approvals

Compressor Oil 68
ISO VG 68, DIN 51506 VDL
Compressor Oil 100
ISO VG 100, DIN 51506 VDL
Compressor Oil 150
ISO VG 150, DIN 51506 VDL
Compressor Oil 220
ISO VG 220, DIN 51506 VDL

Material Number Table	20L	208L
Compressor Oil S32	882108	882146
Compressor Oil S46	882109	882147
Compressor Oil S68	882110	882148
Compressor Oil 68	882104	882141
Compressor Oil 100	882105	882142
Compressor Oil 150	882106	882144
Compressor Oil 220	882107	882145

SLIDEWAYS OILS



SLIDeways OILS

High quality slideway lubricants especially formulated for trouble-free lubrication of slideways of industrial equipment. Valvoline Slideway oils are enhanced with excellent adhesive and friction properties to prevent stick slip and ensure smooth and regular motion in all stages of the equipment operation.

Benefits Valvoline Slideway Oils

- > Efficient lubrication of machine slideway
- > Protection against wear, tear, rust, corrosion, stick slip, micro welding, and seizures
- > Stable lubricating film
- > Low coefficient of friction



Slideway Oil 32, 68, 220

- > Minimized rejection rates
- > Zero to very limited stick-slip
- > Less downtime, higher output
- > Excellent corrosion protection of steel and non-ferrous metal

Performance Levels/Approvals

Slideway Oil 32

ISO 19378 GA, GB, ISO 11158 HG, Muller Weingarten presses

Slideway Oil 68

ISO 19378 GA, GB, ISO 11158 HG, Muller Weingarten presses

Slideway Oil 220

ISO 19378 GA, GB, ISO 11158 HG, Muller Weingarten presses

Material Number Table	20L	208L
Slideway Oil 32	882177	882179
Slideway Oil 68	866735	866733
Slideway Oil 220	882178	882180

EXTREME PRESSURE GEAR OILS



INDUSTRIAL GEAR OILS

Proven technology for industrial gear oils

Industrial gear oil which offers excellent extreme-pressure resistance, heavy load-carrying capability, high thermal stability and good water separation ability.

Benefits Industrial Gear Oils

- > Excellent Extreme Pressure properties
- > Formulated with premium quality mineral oils
- > Proven anti-wear and anti corrosion protection



Valvoline E.P.G. 100, 150, 220, 320

- > Suitable for industrial gearboxes and reduction gear units
- > Excellent shock load resistance to meet variable load and r.p.m. conditions
- > Does not affect or stain copper or bronze

Performance Levels/Approvals

ISO VG 100, 150, 220, 320
DIN 51517 Part 3; AIST 224 (U.S. Steel 224); AGMA 9005-E02;
CM P63, P74, P35; ISO 12925-1

Material Number Table	208L	BULK
Valvoline E.P.G. 100	VE90957	839755
Valvoline E.P.G. 150	VE16738	612538
Valvoline E.P.G. 220	VE16758	VE91156
Valvoline E.P.G. 320	VE16778	609407

HEAT TRANSFER OILS



HEAT TRANSFER OILS

Valvoline Heat Transfer oils provide long-life heat and oxidation resistance, crucial to meet the demanding needs of heat transfer systems. Special properties ensure excellent protection against oxidation, corrosion, deposits and sludge.

Benefits Valvoline Heat Transfer Oils

- > Excellent thermal and oxidation stability
- > Prevents rust and corrosion problems
- > Protects against carbon deposits and sludge



Heat Transfer Oil

- > Good Fluidity and heat transfer
- > Helps preventing rust and corrosion problems in circulating systems

Performance Levels/Approvals
ISO 6743-12 Q

Heat Transfer Oil Extra

- > Excellent thermal and oxidation stability
- > Longer service life
- > Formulated with anti-oxidation additives
- > Heat transfer over a wide temperature range

Performance Levels/Approvals
ISO 6743-12 Q

Heat Transfer Oil Synthetic

- > Supports continuous high temperatures
- > Easy start-up even at very low temperatures
- > Optimum oxidation stability and protection against carbon deposits and sludge

Performance Levels/Approvals
ISO 6743-12 Q

Material Number Table	208L	1000L	BULK
Heat Transfer Oil	882171	882174	882168
Heat Transfer Oil Extra	882170	882173	882167
Heat Transfer Oil Synthetic	882172	882175	882169

PAPER MACHINE OILS



PAPER MACHINE OILS

Valvoline Paper Machine Oils are circulation oils formulated to provide exceptional heat resistance, high natural viscosity index and outstanding protection against rust, foam, wear, and oxidation in both wet and dry components of paper machine complex installations, even at higher speeds.

Benefits Valvoline Paper Machine Oils

- > Formulated with high quality base oils and specially selected additives to minimize oil breakdown
- > Reduce the formation of emulsions
- > Excellent anti-wear and anti-rust properties
- > Also recommended in other applications that require circulation oils



Paper Machine Oils S68, S100, S150, S220, S320, S460 - Synthetic

- > Exceptional heat resistance
- > Synthetic, ashless zinc-free
- > Extended oil life
- > Prevents the formation of surface foam
- > Excellent demulsibility properties
- > Outstanding performance against rust, foam, wear and oxidation

Performance Levels/Approvals

Paper Machine Oil S68

ISO VG 68, FZG, DIN 51354: 11,

Rust resistance test D 665 A & B: pass

Paper Machine Oil S100, S150, S220, S320, S460

ISO VG 100, 150, 220, 320, 460 FZG, DIN 51354: 12,

Rust resistance test D 665 A & B: pass

Paper Machine Oils 150, 220 - Mineral

- > Good corrosion protection
- > High water separability
- > Anti-wear properties
- > Helps to reduce the formation of deposits
- > Superior performance against rust, foam, wear and oxidation

Performance Levels/Approvals

Paper Machine Oil 150

ISO VG 150

Paper Machine Oil 220

ISO VG 220

Material Number Table	20L	208L
Paper Machine S68	882115	882161
Paper Machine S100	882116	882162
Paper Machine S150	882117	882163
Paper Machine S220	882118	882164
Paper Machine S320,	882119	882165
Paper Machine S460	882120	882166
Paper Machine 150	-	882149
Paper Machine 220	-	882150



GREASES



GREASES



MULTIPURPOSE GREASES

	DRY Light/Medium Load	WET Medium/Heavy Load	COLD/HOT Medium/Heavy Load
★★ GOOD	MULTIPURPOSE LITHIUM 2	MULTIPURPOSE CALCIUM 2	MULTIPURPOSE COMPLEX AMBER 2
★★★ BETTER	MULTIPURPOSE LITHIUM EP 2	MULTIPURPOSE MOLY	MULTIPURPOSE COMPLEX RED 2
★★★★★ BEST		MULTIPURPOSE LICAL 2/3	MULTIPURPOSE SYNTHETIC 2

Heavy Duty Product Catalog

SPECIALTY GREASES

AGRI/CONSTRUCTION For extra adhesiveness, sliding and heavy shock load resistance	MARINE For extra adhesiveness in wet heavy load applications	INDUSTRY For high temperature in stationary applications	CENTRAL LUBRICATION For central lubrication system in off- and on-road applications
EARTH LICAL COMPLEX 2	MARINE CALCIUM 2	INDUSTRY LICOM 2	SEMI FLUID 00
EARTH LITHIUM 2			
EARTH ALUCOM 1.5			



● Conventional Grease
 ● High Performance Grease
 High Performance Application Specific Grease

MULTIPURPOSE



MULTIPURPOSE GREASES

Dry applications

Heavy-load and extreme pressure applications are specially demanding situations for greases. To cope and guarantee high levels of protection and lubrication, Valvoline multipurpose greases for dry conditions are developed with a special combination of Lithium thickener and additives. This unique characteristic will protect and ensure the maximum load and performance for a wide range of plain and rolling bearings.

Benefits Multipurpose Greases – Dry applications

- > Superior mechanical stability and stay-in-place properties
- > Protection against rust, corrosion and oxidation
- > Multipurpose use



Multipurpose Lithium EP 2

- > Thickener: Lithium
- > Excellent stay-in-place properties even in heavy loaded bearings
- > Good oxidation stability properties
- > Formulated with extreme pressure additives

Performance Levels/Approvals

DIN 51502: KP2K-30
ISO 12924: L-XC(F)CHB2

Applications

Suitable for a wide range of plain and rolling bearings requiring an extreme pressure grease (construction, industrial, automotive).



Multipurpose Lithium 2

- > Thickener: Lithium
- > Good stay-in-place properties
- > Easily pumpable
- > Suitable for normal temperature conditions

Performance Levels/Approvals

DIN 51502: K2K-30
ISO 12924: L-XC(F)CHA2

Applications

Suitable for a wide range of plain and rolling bearings working in normal temperature conditions (industrial, automotive).

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Multipurpose Lithium EP 2	882584	882637	882596	882610
Multipurpose Lithium 2	882583	882636	882595	882609

MULTIPURPOSE GREASES

Wet and heavy-load applications

To ensure optimum protection of equipment working in watery and heavy load conditions, Valvoline Multipurpose greases for wet applications are formulated with Lithium and Calcium thickeners and carefully selected components such as molybdenum disulphide. These unique formulations deliver high performance and protection against water and its impact on equipment parts as well as in sliding and vibrating circumstances.

Benefits Multipurpose Greases – Wet/Heavy-load applications

- > Excellent water resistance even in prolonged contact with water
- > Protection against rust, corrosion and oxidation
- > Superior wear and friction control



Multipurpose Lical 2/3

- > Thickeners: Lithium and Calcium
- > Excellent water resistance
- > Superior protection against rust and corrosion
- > High performance stay-in-place properties

Performance Levels/Approvals
DIN 51502: KP2K-20

Applications

Deck machine, winches, gearboxes, bulldozers and draglines, caterpillar-sprockets, open gears, sliding surfaces, chains & cables, agricultural and forestry machinery under damp conditions.



Multipurpose Moly 2

- > Thickener: Lithium / Molybdenum disulphide
- > Superior anti-friction properties to protect against metal-to-metal contact
- > Resistant against oxidation
- > Superior mechanical stability

Performance Levels/Approvals
DIN 51502: KPF2K-30

Applications

Suspension joints, steering joints, fifth wheel, slow running bearings, open gears, machines working in wet conditions. Can be used in several construction, agricultural, marine, industrial and mining applications.



Multipurpose Calcium 2

- > Thickener: Calcium
- > Protects against rust and corrosion
- > Resists against oxidation
- > Good wash out properties

Performance Levels/Approvals
DIN 51502: K2E-30

Applications

Construction, agricultural and marine applications where water resistance is needed.

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Multipurpose Lical 2/3	882602	882643	882631	882615
Multipurpose Moly 2	882589* / 882590**	882640	882599	882613
Multipurpose Calcium 2	882601	882642	882600	882614

LANGUAGES

- * GB – DE – NL – FR – ES – PT – IT – GR – IL – TR – CZ – HU – SRB/MNE – HR
- ** GB – PL – EE – FI – DK – NO – SE – LT – LV – RU/AU – KZ – SI – SK – BG

MULTIPURPOSE GREASES

Cold and hot applications

Valvoline multipurpose greases for hot and cold applications are formulated with Lithium complex thickener and special additives to ensure a wide temperature range and superior protection in the most severe circumstances in unfavorable working conditions.

Benefits Multipurpose Greases – Cold / Hot applications

- > Ideal for several applications within a very wide temperature range
- > Superior protection against rust and corrosion even at extreme-pressure conditions
- > Excellent stay-in-place performance



Multipurpose Synthetic 2

- > Thickener: Lithium Complex
- > Outstanding performance at both high and cold applications
- > High load carrying capacity
- > Extends the lifetime of bearings and chassis lube points

Performance Levels/Approvals

DIN 51502: KPHC2N-55
ISO 12924: L-XE(F)DIB2

Applications

Construction, mining, industrial and automotive applications and in modern centralized lubricating systems operating at low temperatures.



Multipurpose Complex Red 2

- > Thickener: Lithium Complex
- > Premium oxidation stability and stay-in-place properties
- > Suitable over a wide temperature range
- > Ideal for heavy loaded bearings

Performance Levels/Approvals

DIN 51502: KP2P-20

Applications

Suitable for several construction, industrial, agricultural, marine, mining and automotive applications.



Multipurpose Complex Amber 2

- > Thickener: Lithium Complex
- > Protects against rust and corrosion
- > Good stay in place properties
- > Prolongs re-lubrication intervals

Performance Levels/Approvals

DIN 51502: KP2N-30
ISO 12924: L-XC(F)DIB2

Applications

Suitable for several construction, industrial, agricultural and automotive applications.

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Multipurpose Synthetic 2	882603	882644	-	-
Multipurpose Complex Red 2	882587* / 882588**	882639	882598	882612
Multipurpose Complex Amber 2	882585	882638	882597	882611

LANGUAGES

* GB – DE – NL – FR – ES – PT – IT – GR – IL – TR – CZ – HU – SRB/MNE - HR

** GB – PL – EE – FI – DK – NO – SE – LT – LV – RU/AU – KZ – SI – SK - BG

APPLICATION SPECIFIC GREASES



APPLICATION SPECIFIC GREASES

Valvoline application specific range of greases have carefully selected thickeners, additives and base oils transformed into exclusive formulations to meet the different demands of several agricultural, marine, industrial and on and off road equipment. Strive for high performance, quality and protection guided the development of these state-of-art greases.

Benefits Application Specific Greases

- > Specific chemical properties and dedicated formulations
- > Suitable for the most severe conditions
- > Wide temperature, speeds and load ranges

AGRI AND CONSTRUCTION

Extra adhesiveness, sliding and heavy shock load resistance



Earth Lical Complex 2

- > Thickeners: Lithium and Calcium complex
- > Endures extreme shock load
- > Ideal for heavily loaded open gears
- > Excellent water resistance and protection against rust, corrosion and oxidation.

Performance Levels/Approvals

DIN 51502: OGP2K-20
ISO 12924: L-XB(F)CIB2

Applications

Heavily loaded open gears, and coupling devices of trucks and trailers. Earth moving equipment such as bulldozers and draglines, caterpillar-sprockets, open gears, sliding surfaces as well as concrete hammering devices on dippersticks and mining application.

Earth Lithium 2

- > Thickener: Lithium
- > Endures a wide range of loads, speeds and temperatures
- > Premium oxidation properties
- > Protects under the most severe conditions

Performance Levels/Approvals

DIN 51502: KP2K-20
ISO 6743: L-XBDEB2

Applications

Open gears, cables, and coupling devices of trucks and trailers. Suitable for earth moving equipment such as bulldozers and draglines, caterpillar-sprockets, open gears, sliding surfaces, chains & cables. Highly suitable for construction and agricultural applications.

Earth Alucom 1.5

- > Thickener: Aluminium Complex
- > Endures a wide range of loads, speeds and temperatures
- > Withstands high temperatures without excessive softening
- > Heavy shock load absorption properties

Performance Levels/Approvals

DIN 51502: KP2P-10
ISO 6743: L-XAEIB2

Applications

Open gears, cables, and coupling devices of trucks and trailers. Suitable for earth moving such as bulldozers and draglines, caterpillar-sprockets, open gears, sliding surfaces, chains & cables. Suitable for many construction, agricultural and marine applications.

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Earth Lical Complex 2	883744	882645	-	-
Earth Lithium 2	882605	882646	882632	882617
Earth Alucom 1.5	882606	882647	882633	882618

APPLICATION SPECIFIC GREASES

MARINE

Extra adhesiveness, in wet heavy load applications



Marine Calcium 2

- > Thickener: Anhydrous Calcium
- > Excellent load carrying capacity
- > Premium corrosion preventive properties
- > Resists water wash out and prevents rust and corrosion

Performance Levels/Approvals

DIN 51502: KP2G-15
ISO 6743: L-XBBHB 2

Applications

Especially suitable for use in marine and in heavy load applications that require extra adhesiveness and excellent water resistance. Adequate to bearings in wet conditions.

INDUSTRY

Withstands high temperatures in stationary applications



Industry Licom 2

- > Thickener: Lithium Complex
- > Withstanding performance in high temperature conditions, without excessive softening
- > Excellent corrosion preventive and anti-wear properties
- > Extends equipment lifetime and reduces lubrication frequency

Performance Levels/Approvals

DIN 51502: KP2P-15
ISO 6743: L-XBEHB 2

Applications

Especially suitable for use in high temperature stationary industrial applications.

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Marine Calcium 2	882607	882648	882634	882619
Industry Licom 2	882608	882649	882635	882624

CENTRAL LUBRICATION

Ideal for central lubrication systems in off and on-road applications



Semi Fluid 00

- > Thickeners: Lithium
- > Excellent performance in extreme pressure conditions, ensuring mechanical stability and corrosion protection
- > Lubricates and protects under the most severe circumstances

Performance Levels/Approvals

DIN 51502: GP 00K-20 / KP00K-20

ISO 6743: L-CKG 00 / L-XBCHB 00

Applications

Suitable for several open and closed gearboxes of agricultural, industrial & marine machinery applications as well as automatic lubrication systems of trucks and industrial machines.

Material Number Table	0,4 kg	18 kg	50 kg	180 kg
Semi Fluid 00	-	882604	-	882616



COOLANTS



COOLANTS

Heavy Duty Product Catalog



HD COOLANTS

Cooling system protection at extreme low temperatures require an exceptional product, Valvoline Coolant/Anti-Freeze (AF) products have been specifically designed to provide very high levels of protection even at temperatures as low as -36°C. Suitable for trucks, buses, and meeting the requirements of most leading car and truck manufacturers, it contains no nitrites, amines or phosphates. Coolant AFs can be used for both open and closed cooling systems, and are safe to mix with coolants based on ethylene glycol.

Benefits HD Extended Life Coolant AF for all heavy-duty applications

- > HD Extended Life is an engine coolant for trucks, buses, road construction machines and industrial equipment, which fulfills the requirements of most leading heavy-duty engine manufacturers.
- > The product is free of amines and phosphates, which makes it more friendly to the environment.
- > HD Extended Life Coolant protects cooling systems against frost, corrosion and overheating for at least three years, 7.000 hours or 500.000 kilometres.
- > The product is mixable with other coolants on basis of mono ethylene glycol, but that may shorten the long-life characteristics. It cannot be mixed with products on basis of Propylene Glycol. Depending on the desired protection against freezing the product can be mixed with water in several concentrations.



HD Extended Life Coolant Antifreeze

- > Lower cost of operation
- > Prevents scaling and system deposits
- > Protects seals, gaskets and aluminum
- > Prevents housing and system metals from corrosion
- > Increased drain intervals (500.000 kilometres)

Performance Levels/Approvals

ASTM D-6210, ASTM D-4985, ASTM D-3306 (D-4656), Afnor 15-601, BS 6580, Caterpillar EC -1, Cummins 14603, 3666286, Cuna NC 956-16, DAF, Detroit Diesel 7SE 298, Deutz MWM, MAN 324 type NF, MB 325.0, 2, 3, MAN B&W, MTU, O-Norm V5123, Renault RVI, Scania, Volvo VCS, SAE J 814, J 814C, J 1034, J 1941, NATO S-759, Isuzu, Leyland; Ford WSS M97 B44-D, Earth moving machines.

HD Extended Life -67 RTU

- > Fulfills the requirements of most leading heavy-duty engine manufacturers
- > Environmental friendlier – Free of amines, borates and phosphates
- > Unsurpassed protection for the cooling system against winter freezing and summertime overheating
- > Formulated with corrosion inhibitors for a long-life protection of all cooling system metals
- > Prediluted and Ready To Use (RTU) up to a freezing temperature of -67°C.

Performance Levels/Approvals

ASTM D-6210, D-3306, Caterpillar EC-1, Cummins 14603, 3666286, Detroit Diesel 7SE298, Federal Spec A-A-870A, GM 1899 M, 1825 M, Link Belt, TEREX, Thermo King, TMC of ATA RP-329B, TMC of ATA RP-338, SAE J 814, J 1034

Material Number Table	20L	208L	1000L	BULK
HD Extended Life RTU	808513	808516	808512	808511
HD Extended Life CONC	-	808515	-	-
HD Extended Life -67 RTU	-	808514	-	862947

HD NITRITE FREE

Benefits HD Nitrite Free for heavy duty applications

- > Organic acid technology to protect modern diesel engines
- > The silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum
- > Enhanced protection for aluminum cooling systems
- > Wide application range including diesel engines, gasoline engines, stationary power, marine, natural gas, and light duty applications

Heavy Duty Product Catalog



HD Nitrite Free Coolant RTU

- > Organic acid technology protects diesel engines from liner pitting and hard water scale deposits.
- > Silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum
- > Provides up to 6 years / 960.000 kilometres / 12,000 hours of service

Performance Levels/Approvals

Aggreko Approved; ASTM D3306; ASTM D6210; Cat EC-1
 Chrysler; Cummins 14603 registered; Detroit Diesel 7SE298
 Federal Specification A-A-870A; Ford; Freightliner; GM 1899M, 1825M; GM 6277M; Iveco, John Deere; Link Belt; MACK; MTU; Paccar; Scania; Volvo; Navistar CEMS B-1 Type III-A; Peterbilt; SAE J1034, J814; Terex; Thermo King; TMC of ATA RP-329B; TMC of ATA RP-338; MAN; Mercedes



HD Nitrite Free Coolant -67 RTU

- > Organic acid technology protects diesel engines from liner pitting and hard water scale deposits.
- > Silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum
- > Provides up to 6 years / 960.000 kilometres / 12,000 hours of service

Performance Levels/Approvals

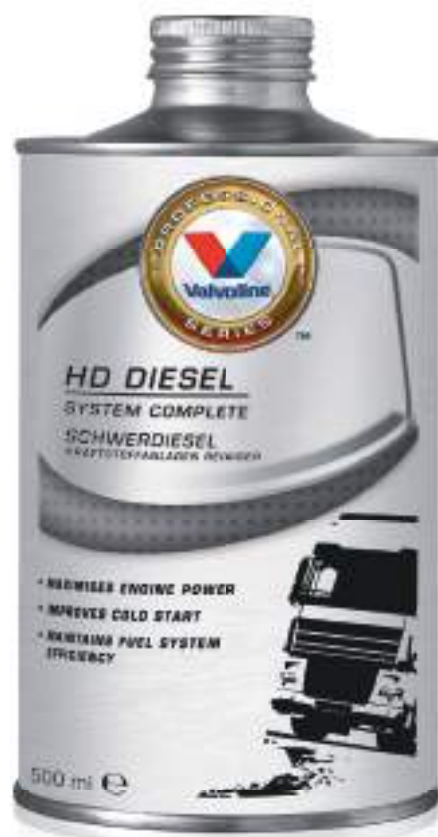
Aggreko Approved; ASTM D3306, ASTM D6210; Cat EC-1
 Chrysler; Cummins 14603 registered; Detroit Diesel 7SE298
 Federal Specification A-A-870A ; Ford; Freightliner; GM 1899M, 1825M; GM 6277M; John Deere; Link Belt
 MACK ; MTU; Paccar; Scania; Volvo; Navistar CEMS B-1 Type III-A; Peterbilt; SAE J1034, J814; Terex; Thermo King; TMC of ATA RP-329B; TMC of ATA RP-338; MAN; Mercedes

Material Number Table	20L	208L	1000L	BULK
HD Nitrite Free Coolant RTU	867534	867532	867533	867531
HD Nitrite Free Coolant -67 RTU	872649	872648	-	-



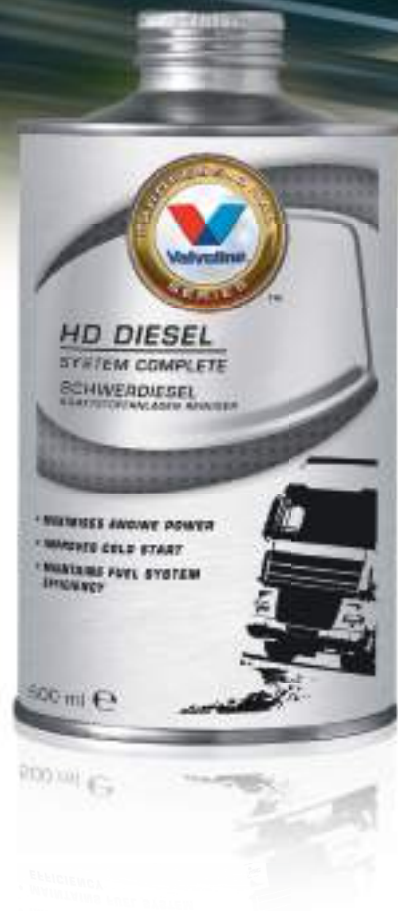


FUEL ADDITIVES



FUEL ADDITIVES

Heavy Duty Product Catalog



FUEL ADDITIVES



VPS HD Diesel System Complete

VPS HD Diesel System Complete cleans and restores the complete fuel system of the heavy-duty diesel engine, restoring the engine back to its original power and performance, without the need for a higher cetane number fuel. The product emulsifies the fuel from water condensation and protects against rust and corrosion, while the flow improver guarantees a smooth start-up at cold temperatures. The chemical composition of the product stabilizes the fuel and prevents fuel aging and bacterial contamination.

VPS HD Diesel System Complete reduces downtime for maintenance by keeping the engine clean, reducing wear, and helping the engine run smoother and more efficiently. Add VPS HD Diesel System Complete to the fuel tank before refilling. One bottle is enough for 1,000 liters of fuel.

- > Cleans the entire fuel injection system
- > Maximizes power and performance of all heavy-duty diesel engines
- > Removes deposits, cleans injectors and restores spray patterns
- > Reduces emissions caused by deposits and incomplete combustion
- > Lubricates injectors and fuel pumps if running on low-sulphur diesel
- > Helps maintain cold start-up properties
- > Provides corrosion protection to fuel system
- > Removes bacteria in fuel tank caused by water contamination
- > Reduces downtime and maintenance costs by keeping fuel system clean and reducing wear

Material Number Table	500ML	203L
VPS HD Diesel System Complete	VE55340	VE55341





HEAVY DUTY WORKSHOP SOLUTIONS



HEAVY DUTY EQUIPMENT CARE

Valvoline Heavy Duty equipment care deliver outstanding results, quickly. The premium formulations simplify maintenance by cleaning effectively and offering lasting protection of systems and components. From aerosols and additives to cleaners and waxes, you can count on Valvoline chemicals for superior quality.

Heavy Duty Product Catalog



Engine Cleaner

Engine Cleaner quickly penetrates grease, dirt, oil and grime to swiftly remove contaminants.

- > Removes emulsified oil and dirt
- > Cleans engine parts
- > All purpose degreaser
- > Safe for electrical and engine components

Brake Cleaner

Brake Cleaner removes brake fluid, grease, oil and brake dust instantly.

- > Suitable for brake parts, pads, linings, drums, rotors, calipers and springs
- > Leaves no residue
- > Also flushes oil, dirt and carbon from electric motors

Clean Tronic

Clean Tronic cleans, protects and lubricates electrical contacts in a single package.

- > Eliminates the need for more than one product
- > Removes contaminants effectively
- > Protects against rust and corrosion

EGR + Turbo Cleaner

EGR + Turbo Cleaner is a blend of selected solvents, carefully formulated to remove deposits on EGR valve and turbo systems. It quickly removes gum, varnish, carbon and dirt.

- > Cleans EGR valves and Turbo chargers
- > Leaves no residue
- > Restores engine performance



[Instruction video]



[Instruction video]

Material Number Table	400ML	500ML V1*	500ML V2*
Engine Cleaner	-	VE54240	-
Brake Cleaner	-	745935*	745936**
Clean Tronic	750703	-	-
EGR + Turbo Cleaner	742847	-	-

V1* EE, FI, GB, DE, NL, FR
 V2* GB, DE, ES, PT, IT, PL, GR, DK, NO, SE, HR, TR, RU/UA, KZ, IL, CZ, HU, GCC



Silicone Spray

Silicone Spray is a lubricant that lubricates, waterproofs and protects, leaving no sticky residue.

- > Suitable for door hinges, rubber mountings, drawers, windows and sliding doors
- > Non-staining
- > Stops squeaks and sticking



[Instruction video]



Penetrating Oil

Penetrating Oil, effectively loosens and lubricates corroded parts and threads.

- > Frees bolts, nuts and other fasteners
- > Special lubricants eliminate squeaks
- > Provides long lasting protection



[Instruction video]



White Grease

White Grease penetrates tiny crevices, forming a lubricating grease that stays exactly where it's sprayed.

- > Suitable for all metal-to-metal applications
- > Non-hardening, non-dripping and non-staining formula
- > Water and heat resistant
- > Fights rust and corrosion



[Instruction video]



High Pressure Lubricant + PFTE

High Pressure Lubricant protects metal parts against wear and corrosion in extreme conditions.

- > The freshly sprayed product reaches every square millimeter
- > Contains PTFE for smooth lubrication
- > Performs over a wide temperature range between -50°C to +250°C

Material Number Table	400ML	500ML
Silicone Spray	750511	-
Penetrating Oil	750386	-
White Grease	750530	-
High Pressure Lubricant + PFTE	-	VE54140



Multi Spray

Multi Spray is a blend of fast-acting super-penetrating solvents that evaporate, leaving a thin transparent protective film, rapidly loosens corroded fastenings and penetrates quickly. Annoying squeaks are silenced by friction-reducing lubricants. Cleans and protects all metals from rust and corrosion. Use to loosen, dry, protect, lubricate and clean.

- > Penetrates, loosens, lubricates, and protects metal parts from rust and corrosion
- > Dries wet ignitions
- > Preserves battery terminals from corrosion

Cockpit Spray

Cockpit Spray restores that new truck look without leaving a sticky coating.

- > Anti-static film repels dust
- > Restores fading and cracking of vinyls
- > Shields against ultraviolet damage
- > New silicon-free formula

Glass Cleaner

Glass Cleaner is a stay on foam that - effectively cleans and brightens all glass surfaces without streaking.

- > Balanced formula resists fogging
- > Powerful cleaners remove mud, insects and bird droppings
- > Solvents effectively remove stubborn oil and road grime

Proshine Wax

Proshine Wax offers cleaning and high-gloss shine in one easy application.

- > High-quality waxes deliver a high-gloss shine
- > Durable formula for lasting protection
- > Easy to apply and remove
- > Ideal for cars, trucks and motorcycles



[Instruction video]

Material Number Table	400ML	500ML
Multi Spray	VE54330	-
Cockpit Spray	750586	-
Glass Cleaner	-	VE54060
Proshine Wax	-	VE54280



Motor Start

Motor Start provides smooth starts in a variety of weather conditions.

- > Starts petrol and diesel engines quickly
- > Reduces power loss of batteries
- > Also works on lawnmowers, trimmers, chain saws, motorcycles, etc.



Copper Spray

Copper Spray protects seals and threads from the damaging effects of moisture.

- > Protects nuts and bolts
- > Performs over an extremely wide temperature range (-30°C to +1200°C)



Zinc Spray

Zinc Spray provides excellent protection for welded seams when repairing bodywork.

- > Creates a quick drying, self-sealing coating
- > Acts as an excellent primer for most paint systems
- > Helps slow down corrosion of iron and steel



White Synthetic Chainlube

For all chains in on-road or off-road vehicles.

- > O-ring and X-ring safe
- > Ensures maximum chain and sprocket life
- > Easy application with visible indication (white film)
- > Ready quickly (10-15 minutes after application)
- > Excellent bonding to metals
- > Maximum anti-wear protection

Material Number Table	100ML	400ML
Motor Start	-	752591
Copper Spray	-	750454
Zinc Spray	-	750590
White Synthetic Chainlube	VE54321	VE54322





TECTYL



TECTYL

Tectyl protective products are designed for short- and long-term, indoor and outdoor metal surface protection. Tectyl products offer ultimate protection for metal surfaces against the damaging effects of moisture, chloride and corrosion. The broad range of Tectyl products offers ultimate protection and performance to protect metals from these corrosive attributes. Whenever you need to protect against the corrosive effects of moisture, there is a product in our Tectyl range which can do the job perfectly.

Since 1930, Tectyl products have been one of the most successful rust preventatives in the industry. Today, the formulation has been enhanced to meet the needs of do-it-yourself and other non-industrial users.

Heavy Duty Product Catalog



Tectyl Bodysafe/ Bodysafe Wax

A wax/asphaltic compound for the protection against corrosion. Perfect for the protection of the underbody of the truck or bus as well as tanks, gas lines, emergency brake cables and hydraulic brake lines. Cures to a relatively firm, bronze, resilient, tough and abrasion resistant film.



Tectyl ML

Ideal for the protection of automotive hollow sections like door panels, side sills and frames. This petroleum waxbased product is designed to penetrate deeply into crevices to prevent corrosion. Do not forget to pay special attention to places where water can collect, such as corners and seams. Tectyl ML is also available with an attachment containing a special nozzle set for difficult-to-apply areas.



Tectyl ML Greenline

The green alternative for the ML. Ideal for the protection of automotive hollow sections like door panels, side sills and frames. With almost no solvent, ML Greenline can protect a big area with just a thin dry-layer thickness. This wax based product is designed to penetrate deeply into crevices to prevent corrosion without generating smell.

Tectyl ML Greenline is delivered with an attachment, containing a special nozzle set for difficult-to-apply areas.



Tectyl Multi Purpose Clear

Tectyl Multi Purpose Clear has been specially designed for use as a versatile protector and provides an excellent barrier against corrosive environments for ferrous and non-ferrous fabrications, industrial components, parts and many more. Tectyl Multi Purpose Clear is an excellent corrosion preventative for the storage or transit protection of finished and unfinished parts. Applying is fast and easy, because Tectyl Multi Purpose Clear can be applied direct to metal. It can not be removed.

Because of the transparent, flexible coating, which is also overpaintable, Tectyl Multi Purpose Clear can be used almost everywhere.

Material Number Table	600ML V1*	600ML V2*
Tectyl ML	VE20065	859973
Tectyl ML with attachment	VE20110	859972

Languages:
*V1: GB, NL, FR, DE
*V2: GB, DK, FI, NO, SE, PL, RU, EE

Material Number Table	400ML	600ML	1L VC	1L PT	5L
Tectyl Bodysafe Wax	-	VE20030	-	-	-
Tectyl Bodysafe Wax with attachment	-	VE20100	-	-	-
Tectyl Bodysafe	-	-	VE20050	VE20035	VE20040
Tectyl ML Greenline with attachment	-	782375	-	-	-
Tectyl Multi Purpose Clear	816702	-	-	-	-



Tectyl 190 Grey/Black

Ideal protection against corrosion and abrasive damage, for the underbodies of trucks, trailers, etc., Tectyl 190 is fast drying and can be painted over. Available as a grey or black, rubber-resin-based compound, the product cures to a firm, resilient and tough film.



Tectyl Multi Purpose 506

As a general purpose corrosion inhibitor, Tectyl Multi Purpose/506 cannot be beaten. A powerful water-displacing compound, it is suitable for a wide range of applications, such as vehicle rust proofing, as well as the protection of machinery and parts in storage. Tectyl Multi Purpose/506 cures to an amber colored, waxy, transparent, firm film.



Tectyl Amber

Tectyl Amber is a product with good water displacing properties, excellent penetration and corrosion protection. By applying a thin film on the center of a wheel hub and in the center of a wheel rim, corrosion is avoided, which can lead to "non-removable wheels." Tectyl Amber is a versatile protective coating for a wide variety of applications.



Tectyl Glashelder/Klar

A resin-based, colorless, corrosion preventive compound. Tectyl Glashelder/Klar can be applied on tools: gardening, household, automotive, marine and industrial. It is also an excellent moisture repellent when used on electrical wiring in motor vehicles.

Material Number Table	400ML V1*	400ML V2*	5L
Tectyl Multi Purpose 506	VE20086	860195	VE20090

Languages:
*V1: GB, NL, FR, DE, IT
*V2: GB, DK, FI, NO, SE, PL, RU

Material Number Table	400ML	500ML	1L VC
Tectyl 190 Black	-	VE20000	VE20005
Tectyl 190 Grey	-	VE20010	-
Tectyl Glashelder/Klar	VE20055	-	-
Tectyl Amber	VE20020	-	-



Tectyl 120-EH

Tectyl 120-EH is a filled, solvent cutback, wax/asphaltic base, thixotropic, corrosion preventive compound.

Tectyl 120-EH is suitable for the complete undercoating of undersides of autos, trucks, buses, truck trailers, camp trailers, heavy construction equipment and cargo containers.

Tectyl 120-EH dries to a firm, bronze colored, resilient, tough and abrasion resistant film.

Tectyl 210-R

Tectyl 210-R is an amber colored, solvent cutback, wax base, thixotropic corrosion preventive compound.

Tectyl 210-R is designed for protection at factory level of enclosed boxes, seams, joints and other creviced locations of vehicles, susceptible to corrosion.

Tectyl 210-R cures to a semi-hard, waxy, light amber colored, translucent slightly tacky film.

Tectyl 4D750

Tectyl 4D750 is a resin/oil based, light yellow, liquid corrosion preventive compound.

Tectyl 4D750 is almost free from organic solvent.

Tectyl 4D750 is designed for industrial application giving good penetration into folds, flanges and cracks, making it very suitable as a corrosion protective for the inside of truck doors and other hollow sections of cars and rolling equipment.

Tectyl 4D750 cures to a light yellow, translucent, semi-soft film.

Material Number Table	20L OH CTD	59L	200 L OH	203L	975L	1000L
Tectyl 120-EH	-	VE21143	VE21145	-	VE21147	-
Tectyl 210-R	802251	VE20623	-	VE20626	-	-
Tectyl 4D750	802287	-	VE21512	-	-	812919



PRODUCT OVERVIEW

ENGINE OILS	5L	20L	60L	208L	1000L	BULK
Valvoline ProFleet LS 5W-30	-	797172	-	797004	848268	796747
Valvoline ProFleet LA 5W-30	-	870232	-	870231	-	870139
Valvoline ProFleet LS-X 10W-40	-	881885	-	881883	881882	881741
Valvoline ProFleet LS 10W-40	VE13971	VE13976	-	VE13978	VE13975	VE90186
Valvoline ProFleet 5W-30	-	614447	-	VE13938	VE13935	VE90185
Valvoline ProFleet 10W-40	VE13911	VE13906	-	VE13918	VE13915	VE13919
Valvoline All-Fleet Extreme LE 5W-40	-	-	-	802221	848301	848345
Valvoline All-Fleet Extreme LE 10W-30	-	880051	-	880020	880019	880050
Valvoline All-Fleet Extreme LE 10W-40	-	851886	-	851885	851884	849701
Valvoline All-Fleet Extra LE 15W-40	781679	703678	-	707479	842871	692639
Valvoline All-Fleet Superior 10W-40	-	807011	-	806950	848269	806587
Valvoline All-Fleet Extreme 10W-40	606078	VE13766	VE13777	VE13778	VE13775	VE13779
Valvoline All-Fleet Extra 15W-40	VE13711	VE13706	VE13717	VE13718	VE13715	VE13719
Valvoline All-Fleet 15W-40	VE12671	VE12666	VE12677	VE12678	VE12675	VE12679
Valvoline All-Fleet 20W-50	-	VE12705	-	VE12718	-	VE12719
Valvoline HD 10W	-	VE12606	-	608865	VE12615	VE90188
Valvoline HD 30	-	VE12726	-	VE12738	-	VE12739
Valvoline Premium Blue 8600 ES 10W-30	-	882195	-	882192	882189	882000
Valvoline Premium Blue 8600 ES 15W-40	-	882194	-	882191	882188	882045
Valvoline Premium Blue 8100 10W-40	-	874300	-	874299	879867	876400
Valvoline Premium Blue 8100 15W-40	-	874343	-	874342	874341	874356
Valvoline Premium Blue 7800 15W-40	870236	870235	-	870234	870233	870138
Valvoline Premium Blue GEO M-74 15W-40	-	874346	-	874345	874344	874357
Valvoline Premium Blue GEO M-85 15W-40	-	-	-	871983	-	872003
Valvoline Premium Blue GEO LA - ES	-	-	-	876511	882620	876631
Valvoline Premium Blue GEO LA - 40	-	-	-	VE17758	790310	VE17759
Valvoline Premium Blue GEO MA - 40	-	-	-	844938	-	-
Valvoline GEO Plus LA - 40	-	-	-	833832	833831	833610

DRIVELINE LUBRICANTS	1L	5L	20L	60L	208L	1000L
Valvoline Heavy Duty ATF PRO	868208	866915	866916	866917	866918	-
Valvoline Heavy Duty ATF PRO ECO	-	867056	-	867057	-	-
Valvoline Heavy Duty ATF PRO Long Drain	-	-	866920	-	866921	-
Valvoline Heavy Duty Gear Oil PRO 75W-80	-	-	866927	-	-	-
Valvoline Heavy Duty Gear Oil PRO 75W-80 Long Drain	868210	-	866929	-	866930	-
Valvoline Heavy Duty Gear Oil PRO 80W	-	-	867051	-	867052	-
Valvoline Heavy Duty Axle Oil PRO 75W-140	-	-	867061	-	-	-
Valvoline Heavy Duty Axle Oil PRO 80W-90	-	-	867054	-	-	-
Valvoline Heavy Duty Axle Oil PRO 80W-90 Long Drain	-	-	866923	-	866924	-
Valvoline Heavy Duty Axle Oil PRO 80W-90 Limited Slip	868209	-	866925	-	866926	-
Valvoline Heavy Duty TDL PRO 75W-90	868211	-	866932	866933	866934	868212
Valvoline Heavy Duty ATF	-	-	866937	866938	866939	-
Valvoline Heavy Duty Gear Oil 75W-80	868215	866950	868216	-	866951	-
Valvoline Heavy Duty Gear Oil 80W	-	-	867059	-	866954	-
Valvoline Heavy Duty Gear Oil 80W-90	868217	-	866956	-	866957	-

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DRIVELINE LUBRICANTS	1L	5L	20L	60L	208L	1000L	BULK
Valvoline Heavy Duty Axle Oil 75W-90 Limited Slip	-	867058	866948	-	-	-	-
Valvoline Heavy Duty Axle Oil 80W-90	868214	866944	866945	-	866946	-	-
Valvoline Heavy Duty Axle Oil 75W-140	-	-	879813	-	879814	-	-
Valvoline Heavy Duty Axle Oil 85W-140	868213	-	866941	-	866942	-	-
Valvoline Heavy Duty TDL 75W-90	-	-	882024	-	882028	-	882029

HYDRAULIC OILS	20L	208L	1000L	BULK
Valvoline Ultraplant ES 46	862939	VE16618	-	-
Valvoline Ultramax Extreme S15	-	882151	-	-
Valvoline Ultramax Extreme S32	-	882152	-	-
Valvoline Ultramax Extreme HVLP 15	-	882102	-	-
Valvoline Ultramax Extreme HVLP 22	-	882103	-	-
Valvoline Ultramax Extreme HVLP 28	-	804321	879289	809493
Valvoline Ultramax HVLP 32	VE16206	VE16218	VE16215	VE16219
Valvoline Ultramax HVLP 46	VE16226	VE16238	VE16235	VE16239
Valvoline Ultramax HVLP 68	VE16246	VE16258	VE91109	VE90318
Valvoline Ultramax HLP 32	VE16426	VE16438	VE90320	VE16439
Valvoline Ultramax HLP 46	VE16446	VE16458	VE16455	VE16459
Valvoline Ultramax HLP 68	VE16466	VE16478	VE16475	VE16479
Valvoline Ultramax HLP 100	-	VE16498	-	VE90322
Valvoline Ultramax HLP 150	-	-	-	VE90323
Valvoline Ultramax HLP ZF 46	-	821256	808229	808227
Valvoline HVLP 32	878854	878853	878852	878701
Valvoline HVLP 46	878857	878856	878855	878702
Valvoline HVLP 68	878860	878859	878858	878703
Valvoline HLP 32	878269	854005	853970	856917
Valvoline HLP 46	878270	854004	853969	856918
Valvoline HLP 68	878271	854002	853967	856920

AGRICULTURE, CONSTRUCTION & MARINE OILS	5L	20L	208L	1000L	BULK
Valvoline STOU 10W-30	-	VE17006	VE17018	-	VE90327
Valvoline STOU 10W-40	-	881223	881222	-	881224
Valvoline STOU 15W-40	-	VE17046	VE17058	-	VE17059
Valvoline Unitrac 80W	882126	VE17106	VE17118	VE17115	VE17119
Valvoline DT Transmission Oil 10W	-	819582	VE17818	883048	-
Valvoline DT Transmission Oil 30	-	756754	VE17838	883049	-
Valvoline DT Transmission Oil 50	-	883051	VE17858	883050	-
Valvoline Valmarin TP 1230	-	-	VE16118	-	VE16119
Valvoline Valmarin TP 1240	-	-	VE16138	-	VE16139

INDUSTRIAL OILS	20L	208L	1000L	BULK
Valvoline Compressor Oil S32	882108	882146	-	-
Valvoline Compressor Oil S46	882109	882147	-	-
Valvoline Compressor Oil S68	882110	882148	-	-
Valvoline Compressor Oil 68	882104	882141	-	-

PRODUCT OVERVIEW

INDUSTRIAL OILS	20L	208L	1000L	BULK
Valvoline Compressor Oil 100	882105	882142	-	-
Valvoline Compressor Oil 150	882106	882144	-	-
Valvoline Compressor Oil 220	882107	882145	-	-
Valvoline Slideway Oil 32	882177	882179	-	-
Valvoline Slideway Oil 68	866735	866733	-	-
Valvoline Slideway Oil 220	882178	882180	-	-
Valvoline E.P.G. 100	-	VE90957	-	839755
Valvoline E.P.G. 150	-	VE16738	-	612538
Valvoline E.P.G. 220	-	VE16758	-	VE91156
Valvoline E.P.G. 320	-	VE16778	-	609407
Valvoline Heat Transfer Oil	-	882171	882174	882168
Valvoline Heat Transfer Oil Extra	-	882170	882173	882167
Valvoline Heat Transfer Oil Synthetic	-	882172	882175	882169
Valvoline Paper Machine S68	882115	882161	-	-
Valvoline Paper Machine S100	882116	882162	-	-
Valvoline Paper Machine S150	882117	882163	-	-
Valvoline Paper Machine S220	882118	882164	-	-
Valvoline Paper Machine S320	882119	882165	-	-
Valvoline Paper Machine S460	882120	882166	-	-
Valvoline Paper Machine 150	-	882149	-	-
Valvoline Paper Machine 220	-	882150	-	-
GREASES	0,4 kg	18 kg	50 kg	180 kg
Valvoline Multipurpose Lithium EP 2	882584	882637	882596	882610
Valvoline Multipurpose Lithium 2	882583	882636	882595	882609
Valvoline Multipurpose Lical 2/3	882602	882643	882631	882615
Valvoline Multipurpose Moly 2	882589 / 882590	882640	882599	882613
Valvoline Multipurpose Calcium 2	882601	882642	882600	882614
Valvoline Multipurpose Synthetic 2	882603	882644	-	-
Valvoline Multipurpose Complex Red 2	882587 / 882588	882639	882598	882612
Valvoline Multipurpose Complex Amber 2	882585	882638	882597	882611
Valvoline Earth Lical Complex 2	883744	882645	-	-
Valvoline Earth Lithium 2	882605	882646	882632	882617
Valvoline Earth Alucom 1.5	882606	882647	882633	882618
Valvoline Marine Calcium 2	882607	882648	882634	882619
Valvoline Industry Licom 2	882608	882649	882635	882624
Valvoline Semi Fluid 00	-	882604	-	882616
COOLANTS	20L	208L	1000L	BULK
Valvoline HD Extended Life RTU	808513	808516	808512	808511
Valvoline HD Extended Life CONC	-	808515	-	-
Valvoline HD Extended Life -67 RTU	-	808514	-	862947
Valvoline HD Nitrite Free Coolant RTU	867534	867532	867533	867531
Valvoline HD Nitrite Free Coolant -67 RTU	872649	872648	-	-

KEEPING THE WORLD MOVING SINCE 1866™

FUEL ADDITIVES		500ML		203L			
	Valvoline VPS HD Diesel System Complete	VE55340		VE55341			
WORKSHOP SOLUTIONS		100ML	400ML	500ML	500ML V1	500ML V2	
	Valvoline Engine Cleaner	-	-	-	VE54240	-	
	Valvoline Brake Cleaner	-	-	-	745935	745936	
	Valvoline Clean Tronic	-	750703	-	-	-	
	Valvoline EGR + Turbo Cleaner	-	742847	-	-	-	
	Valvoline Silicone Spray	-	750511	-	-	-	
	Valvoline Penetrating Oil	-	750386	-	-	-	
	Valvoline White Grease	-	750530	-	-	-	
	Valvoline High Pressure Lubricant + PTFE	-	-	VE54140	-	-	
	Valvoline Multi Spray	-	VE54330	-	-	-	
	Valvoline Cockpit Spray	-	750586	-	-	-	
	Valvoline Glass Cleaner	-	-	VE54060	-	-	
	Valvoline Proshine Wax	-	-	VE54280	-	-	
	Valvoline Motor Start	-	752591	-	-	-	
	Valvoline Copper Spray	-	750454	-	-	-	
	Valvoline Zinc Spray	-	750590	-	-	-	
	Valvoline White Synthetic Chainlube	VE54321	VE54322	-	-	-	
TECTYL		400ML V1	400ML V2	600ML V1	600ML V2	5L	
	Tectyl ML	-	-	VE20065	859973	-	
	Tectyl ML with attachment	-	-	VE20110	859972	-	
	Tectyl Multi Purpose 506	VE20086	860195	-	-	VE20090	
TECTYL		400ML	500ML	600ML	1L VC	1L PT	5L
	Tectyl Bodysafe Wax	-	-	VE20030	-	-	-
	Tectyl Bodysafe Wax with attachment	-	-	VE20100	-	-	-
	Tectyl Bodysafe	-	-	-	VE20050	VE20035	VE20040
	Tectyl ML Greenline with attachment	-	-	782375	-	-	-
	Tectyl Multi Purpose Clear	816702	-	-	-	-	-
	Tectyl 190 Black	-	VE20000	-	VE20005	-	-
	Tectyl 190 Grey	-	VE20010	-	-	-	-
	Tectyl Glashelder/Klar	VE20055	-	-	-	-	-
	Tectyl Amber	VE20020	-	-	-	-	-
TECTYL		20L OH CTD	59L	200L OH	203L	975L	1000L
	Tectyl 120-EH	-	VE21143	VE21145	-	VE21147	-
	Tectyl 210-R	802251	VE20623	-	VE20626	-	-
	Tectyl 4D750	802287	-	VE21512	-	-	812919

MORE PRODUCTS

Do not forget to check out our other product catalogs!



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