# PASSENGER CAR PRODUCT CATALOG

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DUIJDAJEA

OFFICIAL PARTNER



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# INTRODUCTION

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

- Valvoline warrants that products will meet the applicable specifications provided by Valvoline for each of our products. The wide range of Valvoline products features 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.

- Valvoline products are proven to provide added performance, longer life and better protection for your vehicle.
- 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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**KEEPING THE WORLD MOVING SINCE 1866™** 

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# LUBRICANTS

# DIFFERENT ENGINES HAVE DIFFERENT NEEDS

New technology, higher kilometers, different driving conditions and extended service intervals all have a real impact on engine oil demands. That's why Valvoline products go beyond industry specifications to achieve maximum performance and provide superior protection.



# **ENGINE OIL**



# **WHY IS ENGINE OIL** IMPORTANT?

The primary function of engine oil is to keep metal from touching metal. An engine contains hundreds of moving parts that must be protected. If metal surfaces come into contact, wear occurs and friction will increase dramatically. With friction comes heat, which causes more wear and distorts moving engine parts. The oil in your engine maintains a thin lubricating film on all metal parts that enables them to glide over each other, minimizing friction.

# SYNPOWER ENGINE OILS

#### OEM Approved premium grade engine oil

SynPower is the result of Valvoline's drive for innovation. SynPower is an OEM approved premium grade engine oil that provides superior performance and is formulated to fulfill the latest standards of leading engine manufacturers. It is designed to meet the demands of next generation technology engines with reduced fuel consumption, lower emissions and extended maintenance intervals.

SynPower engine oil is specially formulated to provide ultimate engine protection. Through the use of advanced additives SynPower keeps the engine clean from harmful sludge and deposits. Excellent product stability ensures long lasting performance under all operating conditions.

#### Benefits SynPower Engine Oils

- > Product performance is acknowledged and approved by leading engine manufacturers
- > Highest quality base oils and additives provide optimal lubrication under all operating conditions
- > Advanced cleaning additives remove deposits and sludge from the engine. Through active deposit control new build-up of harmful deposits are prevented
- > Excellent product stability ensures long lasting performance. Suitable for long drain intervals
- > Friction reducing additives in combination with low viscosity provide maximum fuel economy benefits
- > SynPower products with the ACEA C specifications are optimized for use with emissions control systems like DPF (Diesel Particulate Filter) and Three Way Catalyst systems (TWC)





#### SynPower 0W-20

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, LPG or hybrid engine
- > Recommended for application in low tempertature conditions
- Suitable for in warranty service fill of engines where API specification is prescribed, such as Honda, Mazda and Toyota

#### Perfomance Levels

API: SN-RC, ILSAC GF-5 Chrysler MS 6395, Ford WSS-M2C947-A

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower 0W-20	782105	-	-	-	-	878268	882799	878210



#### SynPower 0W-40

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel, LPG or hybrid engine
- > Recommended for application in low temperature conditions
- > Suitable for medium long drain oil change intervals

#### Approvals

BMW LL-01, MB-Approval 229.5, Porsche A40, Renault RN0700/0710, VW Standard 502.00/505.00.

#### **Perfomance Levels**

ACEA A3/B4, API SL, SN, suitable for use where MB 229.3, 229.1, 226.5 are specified.



#### SynPower 5W-30

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel or LPG engine
- Compatible with turbochargers and catalytic converters
- > Suitable for long drain oil change intervals

#### Approvals

BMW LL-01, MB-Approval 229.5, VW Standard 502.00, 505.00

#### Perfomance Levels

ACEA A3/B4, API SL/CF, MB 229.3, GM LL-A-025 and LL-B-025. Recommended for use where Fiat 9.55535.G1 is specified.



#### SynPower 5W-40

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel or LPG engine
- > Compatible with turbochargers and catalytic converters
- > Suitable for long drain oil change intervals

#### Approvals

BMW LL-01, MB-Approval 229.5, Porsche A-40, Renault RN 0700, RN 0710, VW Standard 502.00, 505.00

#### **Perfomance Levels**

ACEA A3/B3, A3/B4, API SL, SM, SN/ CF, GM LL-B-025. MB-229.3, 226.5, PSA B71 2296. Recommended for use where Fiat 9.55535.H2, M2, N2 or Z2 is specified.



- Premium quality engine oil.
   Formulated with the use of synthetic technology
- > For passenger cars with a petrol, diesel or LPG engine
- > Suitable for long drain oil change intervals

#### Approvals

Renault RN0700/RN0710, VW Standard 502.00/505.00

#### **Perfomance Levels**

ACEA A3/B3, A3/B4, API SM, SN/ CF, MB 229.3, PSA B71 2300. Recommended for use where Fiat 9.55535.G2 or D2 is specified

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower 0W-40	872587	872588	872589	-	-	VE11238	-	872586
SynPower 5W-30	872377	872378	-	872379	VE11257	VE11258	VE11255	872799
SynPower 5W-40	872380	872381	872382	872384	VE11277	VE11278	VE11275	872800
SynPower 10W-40	872271	872260	872259	872258	872257	872273	882738	872256



#### SynPower FE 0W-20

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel, LPG or hybrid engine
- > Offers maximum Fuel Economy benefits
- > Especially recommended for Volvo Passenger cars with VEA / Drive-E Powertrain

Approvals

Volvo VCC RBSO-2AE

#### Perfomance Levels ACEA C5



#### SynPower FE 0W-30

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel, LPG or hybrid engine
- > Offers maximum Fuel Economy benefits
- > Especially recommended for Volvo engines

#### Approvals

Volvo 95200377

Perfomance Levels ACEA A5/B5, ACEA A1/B1, API SL



#### SynPower FE 5W-20

- > Premium quality full synthetic engine oil
- For passenger cars with a petrol, diesel or LPG engine
   Offers maximum Fuel
- Offers maximum Fuel
   Economy benefits
- > Suitable for in-warranty service fill of Ford and Jaguar Land Rover engines which require the specifications mentioned below

#### Performance levels

ACEA C5, API SN, Jaguar Land Rover STJLR.03.5004, Ford WSS-M2C948-B (petrol engines), Backwards compatible with Ford WSS-M2C913-B, C and WSS-M2C925-B.

Please refer to the product information sheet for specific Ford recommendation.



#### SynPower FE 5W-30

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel or LPG engine
- > Offers maximum Fuel Economy benefits
- Suitable for engines running on Bio fuel mixtures (for example
- fuel mixtures (for example E85)
- > Suitable for in-warranty service fill of Ford engines which require the specifications mentioned below

#### Performance levels

ACEA A1/B1, A5/B5, API SL/CF, Jaguar Land Rover STJLR.03.5003, Renault RN0700, Ford WSS-M2C913-D. Suitable for use where Ford WSS-M2C913-A, B, C are specified. Recommended for use where Fiat 9.55535.G1 is specified. For diesel engines (Except Ford KA TDCi 2009> and Galaxy 1.9 TDi 2000-2006)

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower FE 0W-20	872583	-	872584	872585	-	867774	869791	872582
SynPower FE 0W-30	872560	872564	874310	872559	-	VE11338	-	872558
SynPower FE 5W-20	872555	-	872556	872557	877983	839694	-	873155
SynPower FE 5W-30	872551	-	872552	872553	722698	722699	722697	872554



#### SynPower LL-12 FE 0W-30

- > Premium quality full synthetic engine oil
- > For passenger cars with a petrol, diesel or LPG engine
- > Offers maximum Fuel Economy benefits
- Suitable for in-warranty service fill of BMW engines which require the specifications mentioned below

#### Approvals

BMW LL-12 FE

#### Performance levels: ACEA C2



#### SynPower ENV C1 5W-30

- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Reduces exhaust emissions and improves fuel efficiency
- > Suitable for in-warranty service fill of Jaguar Land Rover engines which require the specifications mentioned below

#### Approvals

Jaguar Land Rover STJLR.03.5005

#### Performance Levels

ACEA C1 and C2, Ford WSS-M2C934-B.



#### SynPower ENV C2 0W-30

- > Premium quality full synthetic engine oil
- > For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC). Recommended for use in the latest PSA engines
- > Reduces exhaust emissions and improves fuel efficiency
- Officially approved by the Peugeot – Citroën group

#### Approvals

PSA B71 2312 for service fill (MA6)

#### Performance levels

ACEA C2. Meets requirements of Citroën\*.



#### SynPower ENV C2 5W-30

- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Reduces exhaust emissions and improves fuel efficiency
- > Officially approved by the Peugeot – Citroën group

#### Approvals

PSA B71 2290

#### Performance levels

ACEA C2, A1/B1, A5/B5, API SM, SN/CF, Renault RN0700. Meets requirements of: Honda\*, Toyota\*. Recommended for use where Fiat 9.55535.S1 is specified.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower LL-12 FE 0W-30	881635	-	881636	881634	-	881633	-	881632
SynPower ENV C1 5W-30	872591	-	872592	872593	-	872594	-	872590
SynPower ENV C2 0W-30	872518	-	872519	872517	-	872807	882007	872805
SynPower ENV C2 5W-30	872520	872521	874309	872550	872792	872809	872791	872808



#### SynPower MST C3 5W-30

- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Suitable for long drain oil change intervals

#### Approvals

BMW LL-04, MB 229.52, VW Standard 502.00/505.00/505.01, GM dexos2 GB2G0219103

Performance levels ACEA C3, API SN/CF, MB 229.51



- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Suitable for long drain oil change intervals

#### Approvals

BMW LL-04, MB 229.51, Porsche A40, VW Standard 502.00/505.00/505.01, GM dexos2 GB2E0310103, Renault RN0700/0710

#### Performance levels

ACEA C3, API SM, SN/CF, Ford WSS-M2C917-A. Recommended for use where Fiat 9.55535.S2 is specified.

#### SynPower MST C4 5W-30

- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Especially suitable for Renault engines with Euro 5 specifications and extended oil change intervals

#### Approvals

Renault RN0720

#### Performance levels

ACEA C4, MB 229.51, 229.31, 226.51. Meets requirements of some models of Nissan\* and Suzuki\*.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower MST C3 5W-30	872596	872597	874308	872601	872600	872598	872599	872595
SynPower MST C3 5W-40	872385	-	872386	872387	872806	872802	872803	872801
SynPower MST C4 5W-30	872770	-	872771	872772	-	872769	884624	872768

\* Check owner's manual before use



#### SynPower XL-III C3 5W-30

- > Premium quality full synthetic engine oil
- For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Suitable for extra-long oil change intervals
- > Recommended for use in modern engines of Volkswagen, Audi, Seat, Skoda, BMW and Mercedes-Benz

Approvals

BMW LL-04, MB 229.51, Porsche C30, VW Standard 504.00/507.00\*.

Performance levels ACEA C3, MB 229.31

#### SynPower XL-IV C5 0W-20

- > Premium quality full synthetic engine oil
- > For VW Euro 4 and 5 engines with DPF technology (Diesel Particulate Filter)

#### **Approvals** VW 50800/50900

Performance Levels ACEA A1/B1

Porsche C20



#### SynPower DT C2 0W-30

- > Premium quality full synthetic engine oil
- > For engines with emission control systems like Diesel Particulate Filter (DPF) and Three Way Catalyst systems (TWC)
- > Especially suitable for Ford engines which require WSS-M2C950-A specification

#### Performance Levels

ACEA C2, Ford WSS-M2C950-A. Suitable for use in some models of: Honda, Jeep, Mitsubishi, Subaru, Suzuki, Toyota\*.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
SynPower XL-III C3 5W-30	872372	872373	872375	872376	872798	872796	872797	872795
SynPower XL-IV C5 0W-20	882800	-	882861	882862	-	882863	-	882750
SynPower DT C2 0W-30	875423	-	873950	-	873971	873972	-	873981

#### \* Check owner's manual before use

# **MAXLIFE ENGINE OILS**

#### Specialty engine oil for high-mileage vehicles

The MaxLife range of engine oils are specifically formulated to meet the needs of high-mileage engines. With special additives such as special seal conditioners and cleaning agents, MaxLife engine oils revitalize critical parts to help engines run for a very long time.

Voted product of the year by Lubricants World. MaxLife engine oils provide a perfect solution for aftermarket service as the combined properties help slow the aging process, and maximize the performance and life of high-mileage vehicles.

#### Benefits MaxLife Engine Oils

- > Unique conditioners help improve the elasticity of seals reducing oil leaks, oil consumption and deposit formation
- > Advanced additives minimize oil breakdown and burn-off
- > Unique friction modifiers and anti-wear additives help prevent future component wear and breakdown
- > Extra detergents and dispersants prevent the formation of harmful varnish and sludge deposits that cause oil to thicken





#### MaxLife 5W-30

- > High quality full synthetic engine oil with a unique formulation to extend engine life
- > MaxLife engine oil is specially formulated for higher mileage
- engines > For petrol, diesel and LPG engines of passenger cars, delivery vans, light trucks, persons minibuses, campers

#### Performance Levels

ACEA A3/B3, A3/B4, MB 229.3, VW Standard 502.00/505.00. Recommended for use where Fiat 9.55535.G1 is specified



#### MaxLife C3 5W-30

- > High quality full synthetic engine oil with a unique formulation to extend engine life
- MaxLife engine oil is specially formulated for higher mileage engines
- > Formulated for Euro 4 and 5 diesel engines equipped with DPF technology (diesel particulate filter), and/or TWC (three way catalyst)
- > Suitable for CDI engines with EGR and DPF system, and long-drain intervals up to 30.000 kilometers

#### Performance Levels

ACEA C3, API SN/CF, BMW LL-04, MB 229.51, 229.31. VW Standard 502.00/505.00, GM dexos2.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
MaxLife 5W-30	872371	872370	872794	-	-	-	-	872366
MaxLife C3 5W-30	872369	872368	881676	872367	872793	881675	-	872365



#### MaxLife 5W-40

- > High quality full synthetic engine oil with a unique formulation to extend engine life
- MaxLife engine oil is specially formulated for higher mileage engines
- > For petrol, diesel and LPG engines of passenger cars, delivery vans, light trucks, persons minibuses, campers. Suitable for Direct Injected Diesel engines (Volkswagen DID test)

#### **Performance Levels**

ACEA A3/B3, A3/B4, API SN/CF, VW Standard 502.00/505.00, MB 229.3, Renault RN0700/0710.



#### MaxLife 10W-40

- > High quality engine oil with a unique formulation to extend engine life
- > MaxLife engine oil is specially formulated for higher mileage engines with the use of synthetic technology
- For passenger cars and vans with gasoline, diesel and LPG engines with or without turbochargers

#### Performance Levels

ACEA A3/B3, A3/B4, API: SM, SN/CF, MB-229.3, PSA B71 2300, Renault RN 0700, RN 0710, VW Standard 502.00, 505.00. Recommended for use where Fiat 9.55535.G2 or D2 is specified



#### MaxLife Diesel 10W-40

- High quality engine oil with a unique formulation to extend engine life
- > MaxLife engine oil is specially formulated for higher mileage engines with the use of synthetic technology
- > For passenger cars, vans and light trucks with diesel engines
- > Improved soot control for diesel engines

#### Performance Levels

ACEA A3/B4, API CF, MB 229.3, PSA B71 2300, Renault RN0700/0710, VW Standard 502.00/505.00. Recommended for use where Fiat 9.55535.D2 is specified.



#### MaxLife 15W-40

- High quality conventional engine oil with a unique formulation to extend engine life
- MaxLife engine oil is specially formulated for higher mileage engines
- For passenger cars and vans with gasoline, diesel and LPG engines with or without turbochargers

#### Performance Levels

ACEA A3/B3, A3/B4. API SN, MB 229.1, VW 501.01/505.00

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
MaxLife 5W-40	872363	872364	-	-	-	VE18058	-	872525
MaxLife 10W-40	872295	872296	872297	872328	VE17917	VE17918	714354	872523
MaxLife Diesel 10W-40	872329	-	872330	-	-	-	-	-
MaxLife 15W-40	872361	872362	-	-	-	-	-	872524

# **ALL-CLIMATE ENGINE OILS**

#### High quality all-round engine oil

Valvoline All-Climate was one of the first multi-grade engine oils on the market and has been a benchmark for quality ever since. All-Climate engine oils are available for a wide range of passenger cars with petrol, diesel or LPG engines. All-Climate engine oils are formulated to keep engines clean and provide year-round protection. Proven and trusted technology is used to guarantee easy cold starts and optimal lubrication over a wide variety of operating temperatures.

#### Benefits All-Climate Engine Oils

- > High quality formulation suitable for a broad range of vehicles with petrol, diesel or LPG engines
- > Strong oil film provides protection under various operating conditions
- > Keeps the engine clean by protecting against sludge and deposit formation
- > Instant oil flow at low temperatures provides easy cold starts





#### All-Climate 5W-30

- High quality full synthetic engine oil. Formulated for year round performance
- > For petrol, diesel and LPG engines of passenger cars, delivery vans, persons minibuses, campers
- > Suitable for modern engines with turbochargers, catalytic converters and long drain intervals

#### Performance Levels

ACEA A3/B3, A3/B4. API SL/CF, MB 229.3, VW Standard 502.00/505.00, GM LL-A-025, GM LL-B-025 Renault RN0700/0710. Recommended for use where Fiat 9.55535.G1 is specified.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
All-Climate 5W-30	872288	-	872286	-	-	872285	872284	872283



#### All Climate C2/C3 5W-30

- > High quality full synthetic engine oil. Formulated for year round performance
- > For petrol, diesel and LPG engines of passenger cars, delivery vans, persons minibuses, campers
- > Suitable for engines with Diesel Particle Filter (DPF), Gasoline Catalytic Converter systems (GCC) or Three Way Catalytic Converter (TWC) where ACEA C2 or C3 specification is prescribed, such as Toyota, Hyundai, Kia, Nissan, etc.

Performance levels ACEA C2, C3API: SN



#### All-Climate 5W-40

- > High quality full synthetic engine oil. Formulated for year round performance
- > For petrol, diesel and LPG engines of passenger cars, delivery vans, persons minibuses, campers
- Suitable for modern engines with turbochargers, catalytic converters and long drain intervals

#### Performance Levels

ACEA A3/B3, A3/B4. API SN/CF, MB 229.3, Renault RN0700/RN0710, VW Standard 502.00/505.00, GM LL-A-025, GM LL-B-025, JASO MA2 Porsche A40



#### All-Climate Diesel C3 5W-40

- > High quality full synthetic engine oil. Formulated for year round performance
- > Specially suitable for Direct Injected Diesel engines and Unit Injector diesel engines (Eg.: Volkswagen Pumpe Duse engines). Formulated for Low SAPS output therefore optimized for engines with DPF technology (Diesel Particulate Filter) or Three Way Catalyst systems (TWC)

#### Performance Levels

ACEA C3, API SM, SN/CF, BMW LL-04, MB 226.5, 229.31, Ford WSS-M2C917-A, GM dexos2, Porsche A40, Renault RN0700/0710, VW Standard 505.00/505.01



#### All-Climate Extra 10W-40

- > High quality engine oil.
   Formulated with the use of synthetic technology for year round performance
- > For turbo and nonturbocharged diesel, petrol and LPG engines. Can be used in passenger cars, light trucks, stationary engines

#### Performance Levels

ACEA A3/B4, API SM, SN/CF, MB-229.3, PSA B71 2300, Renault RN0700/RN0710, VW Standard 502.00/505.00, Recommended for use where Fiat 9.55535.D2 & G2 is specified.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
All Climate C2/C3 5W-30	881924	-	881925	-	-	881923	-	881742
All-Climate 5W-40	872282	-	872281	-	874306	872289	872280	872279
All-Climate Diesel C3 5W-40	872278	-	872277	-	872276	872274	880936	872275
All-Climate Extra 10W-40	872779	872780	872781	872782	834431	834147	834146	872778



#### All-Climate 10W-40

- > High quality conventional engine oil. Formulated for year round performance. Proven and trusted technology for a broad range of diesel, petrol and LPG engines
- > For passenger cars, light trucks and 4WD vehicles running on diesel, petrol or LPG fuels where in ACEA A3/ B4 motor oils or API SL/CF SAE 10W-40 is recommended

#### **Performance Levels**

ACEA A3/B4, API SL/CF, MB 229.1, VW Standard 505.00/501.01. Recommended for use where Fiat 9.55535.D2 and G2 is specified.



#### All-Climate 15W-40

- > High quality conventional engine oil. Formulated for year round performance
- > Suitable for turbo and nonturbocharged diesel, petrol and LPG engines. For use in passenger cars and light trucks

#### Performance Levels

ACEA A3/B3, API SL/CF, MB 229.1, VW Standard 505.00/501.01. Recommended for use where Fiat 9.55535.D2 is specified.



#### All-Climate 20W-50

- High quality conventional engine oil. Formulated for year round performance
- > Suitable for turbo and nonturbocharged diesel, petrol and LPG engines. Can be used in passenger cars, light trucks, small marine engines and motorcycles without wet clutch

#### Performance Levels

ACEA A3/B3, API SL/CF, MB 229.1, VW Standard 505.00/501.01.

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
All-Climate 10W-40	872774	872775	872776	872777	798340	798339	863306	872773
All-Climate 15W-40	872784	872785	872786	-	798406	798405	-	872783
All-Climate 20W-50	872788	-	872789	-	-	798412	-	872787

Passenger Car Product Catalog

# **VR1 RACING ENGINE OILS**

With over 150 years of experience, VR1 Racing lubricants are the leading-edge of racing oil technology formulated to increase horsepower and protect high-performance engines during race conditions. VR1 Racing lubricants is the right choice for both road or track, providing the competitive advantage professionals and racing enthusiasts seek.

#### Benefits VR1 Racing Engine Oils

- > Maximum performance and protection at high temperatures
- > Superior friction reduction boosts horsepower output
- > Extra anti-wear additives (ZDDP) provide ultimate wear protection
- > Excellent oil-film strength to improve durability
- > Enhanced additives protect against deposits, fuel contamination and ring sticking





#### VR1 Racing 5W-50

- > Premium synthetic competition proven engine oil
- > For maximum performance output in turbo and non-turbocharged engines of passenger cars and race cars
- > Special additives provide superior protection under extreme driving conditions

#### **Performance Levels**

ACEA A3/B4, API SL, Ford M2C-153E, GM 6094M, Koenigsegg

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
VR1 Racing 5W-50	873433	873434	-	-	-	VE11918	-	-



#### VR1 Racing 10W-60

- > Premium competition proven engine oil formulated with the use of synthetic technology
- > For maximum performance output in turbo and non-turbocharged engines of passenger cars and race cars
- > Special additives provide superior protection under extreme driving conditions

#### Performance Levels

ACEA A3/B4, API SL, Ford WSS-M2C-153E, GM 6094M. Recommended for use where Fiat 9.55535.H3 is specified

### VR1 Racing 20W-50

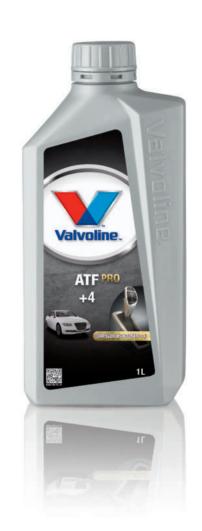
- > Premium mineral based competition proven engine oil
- For maximum performance output in turbo and
- non-turbocharged engines of passenger cars and race cars
- > Special additives provide superior protection under extreme driving conditions

#### Performance Levels

ACEA A3/B4, API SL, Ford WSS-M2C-153E, GM 6094M

Material Number Table	1L	4L	5L	20L	60L	208L	1000L	Bulk
VR1 Racing 10W-60	873338	-	873339	-	-	VE11938	-	873337
VR1 Racing 20W-50	873431	-	873432	-	-	VE11958	-	873340

# DRIVELINE LUBRICANTS



# **PREMIUM LUBRICANTS** FOR PREMIUM PERFORMANCE

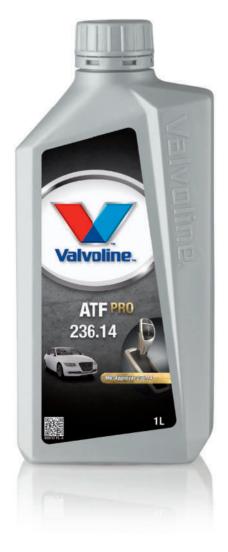
For passenger cars that require dedicated and official OEM approved driveline lubricants, Valvoline introduces a state of the art premium PRO solution. Products branded with the PRO mark are developed with the latest additive technology and will carry the official OEM approvals, making them the recommended solution for vehicles within warranty. For passenger cars 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.

# BEST PROTECTION FOR EVERY PASSENGER CAR DRIVELINE

Today's passenger car driveline needs high-performance lubricants, products that protect against wear and significantly increase shifting comfort. As oil change intervals are extended, the demands are getting even more complex. Valvoline has the lubricants that meet the highest requirements. Meet the Valvoline PRO line - superior lubricants that have been specially developed for original equipment manufacturer (OEM) requirements. The product designs are based upon the latest specifications, so that Valvoline PRO can offer the ultimate protection for every passenger car. Or choose the regular Valvoline line in case a 'suitable for use' product is sufficient. That allows your workshop to carry a minimum number of products to service a wide range of passenger cars.

#### Valvoline ATF PRO

Valvoline ATF PRO is a range of high-performance automatic transmission fluids, specially formulated to meet the needs of modern and conventional passenger car automatic transmissions. All Valvoline ATF PRO products are fully OEM approved and formulated with the most advanced additive technology. Valvoline ATF PRO products provide outstanding thermal stability over a wide temperature range and offers superior protection against wear and corrosion.





# Valvoline ATF PRO 236.14

- > Full synthetic automatic transmission fluid
- > MB-approval 236.14
- > Recommended for MB NAG-2 transmissions
- > Superior temperature protection

**OEM Approval** MB-approval 236. 14

#### **Performance levels**

MB NAG-2 transmissions, MB-236. 12, MB 7-speed automatic transmission series 722.9, MB 5-speed automatic transmission series 722.6, Ssang Yong passenger cars with MB automatic transmissions

Material Number Table	1L	20L	Bulk
Valvoline ATF PRO 236.14	866737	866738	868537



# Valvoline ATF PRO 236.15

- > Full synthetic automatic transmission fluid
- > MB-approval 236.15
- > Recommended for MB NAG-2+ transmissions and MB 7-speed automatic transmission series Tronic Plus
- > Superior temperature Protection

#### **OEM Approval**

MB-approval 236. 15

#### Performance levels

MB NAG-2+ transmissions, MB 7-speed automatic transmission series Tronic Plus

#### Valvoline ATF PRO +4

- > Full synthetic automatic transmission fluid
- > Licensed for Chrysler +4
- > Superior temperature
- protection
- > Superior anti-wear properties

#### **OEM Approvals**

Chrysler MS9602 (ATF +4)®, Chrysler MS7176E (ATF +3)®, Chrysler MS7176D (ATF +2)®, Chrysler MS7176 (ATF +)®

#### Performance levels

Recommended for use where Fiat 9.55550-AV4 is specified

Material Number Table	1L	20L	Bulk
Valvoline ATF PRO 236.15	866881	866882	868539
Valvoline ATF PRO +4	866736	-	868538

# **VALVOLINE ATF**

Today's automatic transmissions come in a wide range and therefore have different needs. Multi-vehicle Valvoline ATF is designed to meet the requirements of most of today's automatic transmissions: one product for multi-vehicle use. The advanced formulation helps keep the transmission functioning properly and enhances its performance. Valvoline ATF prolongs the life of modern and high-mileage transmissions.



#### **Valvoline ATF**

- > Multi-vehicle automatic transmissions
- > Maximize temperature protection
- > Protects seals to prevent leaks
- > Maximize smooth shifting longer than conventional ATFs
- > Maximize flow at low temperatures and greater film protection at high temperatures

#### Recommended by Valvoline for use in:

GM Dexron® IID, IIE, III, IIIH, VI, 9986195, Autotrak II, Ford Mercon®, Mercon®V, SP, LV, FNR 5, XT-9-AMMF5, BMW LT 71141, LA 2634, M-1375.4, 6 ETL-7045E, ETL-8072B, ATF 3.0, Chrysler Diamond SP-III, NAG-1, 3403-M115, Chrysler ATF +3, Honda / Acura ATF-Z1 (not CVT), ATF-DW1 (not CVT), Mitsubishi Diamond SP-II, SP-III, ATF-J3, Dia Queen ATF-PA, Hyundai SP-II, III, IV, SPH-IV, SP4-M, SP-14-RR, KIA SP-II, III, IV, KIA Red-1, Mazda CX-9, M-V\*, FZ, Mercedes-Benz 236.1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, Mercedes-Benz NAG-1, NAG-2, 3403-M115, Mini Cooper Mopar AS68RC ATF, Nissan / Infiniti S, D, J, K, W-Matic, Subaru ATF, ATF-HP, Toyota / Lexus Type T, T-III, T-IV, WS (except hybrid vehicles), Volvo 1161521\*\*, 1161540\*\*, STD 1273.41, VW / Audi G-055-025-A2, G-055-005-A2, G-052-162-A1/A2, VW / Audi G-055-162-A6, G-052-990-A2, G-060-162-A2. VW TL 52162. LT 71141. ZF ATF M 1375.4. 6. ZF Lifequardfluid 6, ZF Lifeguardfluid 8 (ZF No. S671 090 312) > Audi/VW 0il no. G 060162 A1/A2/ A6ATF, BMW Oil No. 8322 2152426, Jaguar Oil No. 02JDE 26444, Landrover Oil No. LR023288, Chrysler Oil No. 68157995AA, Aisin Warner Transmissions JWS-3309, JWS-3324, Jatco Transmissions N 402, JASO 1A



#### Valvoline ATF AW

- > Specially designed for use in, new and rebuilt Aisin Warner automatic transmissions.
- > Protest seals to prevent leaks

#### Recommended by

Valvoline for use in: Specific Volvo models with Aisin Warner 6-speed transmissions. Prior 2010 Volvo XC – series, V70, S60 and S80 models\*

\* Please consult Valvoline and/or Lubricant Information System for a final recommendation.



#### Valvoline ATF Dex/Merc

- > Licensed G34221 for GM Dexron III, Ford Mercon
- > Licensed M-020602 for Ford
   > Increased temperature protection

#### Performance Levels

GM Dexron III, Ford Mercon, Allison C-4, Volvo 97325, 97335, 97340, ZF TE-ML 05L, 09, 11A, 11B

Not recommended for use in:

CVT's, Low viscosity ATF's, Ford M2C-33 F/G, Mercedes-Benz 236.20, Mercedes-Benz NAG-2, BMW with green sticker, Mazda M-V with Aisin Warner 6-speed on CX-9 models\*, Peugeot AM6, Vo IVolvo models with 6-speed Aisin Warner TF80SC, TF80SCAW08, TF81SC, TF81SCAW08 \*\*

Material Number Table	1L	5L	20L	60L	208L	Bulk
Valvoline ATF	866885	867092	866886	866887	866888	866884
Valvoline ATF AW	-	-	867091	-	-	866898
Valvoline ATF Dex/Merc	866913	-	866912	-	866911	866910



#### Valvoline ATF Type DX-II

> Suitable for automatic gearboxes of passenger cars, vans, trucks, and buses where the manufacturer recommends an ATF GM Dexron IID or Ford Mercon (early Mercon)

#### **Performance Levels**

Allison C-4, Caterpillar TO-2, GM Dexron IID, Ford Mercon, MAN 339 Type Z1, V1 (former Type D), MB-236.6, Voith H55.633533 (former G 607), Voith H55.633540, Voith H55.633541, ZF TE-ML-03D, 04D, 09X, 11A, 14A, 17C



#### Valvoline CVT

- Multi-vehicle synthetics technology fluid for Continuous Variable Transmissions
- > Suitable for European, Asian, and American passenger cars and vans
- > Maximum anti-wear protection
- > Maximum temperature protection
- > Especially designed for beltand chain driven continuously variable transmissions

#### **Performance Levels**

BMW / Mini cooper EZL 799, Dodge/Jeep NS-2, CVT fluid +4, Ford CVT23, CVT30, Mercon C, GM/Saturn DEX-CVT, Honda HMMF, Hyundai/ Kia SP-III (not in step up automatic transmissions), Hyundai Genuine CVT Fluid, MB 236.20, Mitsubishi CVT fluid J1, SP-III (not in step up automatic transmission) Nissan NS-2, Subaru NS-2, Subaru Lineartronic CVT fluid, Suzuki TC, NS-2, CVT Green 1, Toyota TC, VW/Audi TL52180, G052 180, G052 516



#### **Valvoline DCT**

- > Multi-vehicle synthetic technology fluid for dual clutch transmissions
- > Suitable for European, Asian, and American passenger cars and vans
- > Maximum anti-wear protection
- Maximum temperature protection
   Experienced for DCC
- > Especially designed for DSG gear boxes of passenger cars and vans of Volkswagen
- > Suitable to use for certain models for Audi, Skoda, Seat, Lamborghini and Nissan with VW DSG gear boxes

#### Performance levels

VW TL 521 82, VW G 052 182, G 052 529, BMW 83 222 148 - 578, 579, BMW 83 222 147 - 477, BMW 83 220 440214, PSA 9734.S2, Ford M2C936A, MB-236.21 Mitsubishi Dia-Queen SSTF-1, Porsche Oil No. 999.917.080.00, Volvo 1161838, 1161839

Material Number Table	1L	5L	20L
Valvoline ATF Type DX-II	808225	-	-
Valvoline CVT	866907	868206	881610
Valvoline DCT	866909	868207	881609

# **VALVOLINE GEAR OIL**

While the needs of today's passenger cars transmissions may differ, you can still rely on one product: Valvoline Gear Oil. It is designed to meet or exceed requirements of most manual transmissions where API GL-4 lubricants are recommended. Successfully used as a problem solver for low temperature shifting issues in the manual transmissions of several manufacturers for mutil-vehicle applications.



#### Valvoline Gear Oil 75W-80

- > Multi-vehicle gear oil
- > Maximize quality of shifting
- Excellent synchronizer performance giving extended synchronizer life and shift comfort
- > Provides fuel economy

#### Performance Levels

API: GL-4, GL-3, API: GL-4 (tranself TRZ), API: GL-4 + PSA B71 2330, API: GL-4 + (tranself TRJ), BMW MTF LT-2, LT-3, Fiat 9.5555.0 – MX3, MZ1 Ford WSS-M2C186-A, GM 1940182, 1940764, 1940768, Special Gear Oil MTF 94, Specail Honda MTF, Special Honda MTF-II, Special transmission oil B0T 350 M2, Volvo 97308, 97309, VW G 009317, G 052 171, G 052 178, VW G 052 512, G 052 726, G 060 726, VW G 50



#### Valvoline Gear Oil 75W-90

- > Full synthetic multi-vehicle gear oil
- Maximize quality of shiftingExcellent cold flow properties
- giving smoother gear shift at low temperatures > Excellent synchronizer
- performance giving extended synchronizer life and shift comfort

#### Performance Levels

API: GL-4, GL-4 synthetic, GL-3, API: GL-4 (tranself TRZ), API: GL-4+ PSA B71 2330, API: GL-4+ (tranself TRJ), BMW MTF LT-2, LT-3, GM 1940764, 1940768, Special Gear Oil MTF 94, Special Honda MTF, Special Honda MTF-II, Volvo 97308, 97309, VW G 009 317, G 052 512, G 50



#### Valvoline Gear Oil 75W-80 RPC

- For manual transmission when the manufacturer specifies a GL-5 oil
- > Specially developed to meet the latest Renault, Peugeot, Citroën (RPC) requirements for manual transmissions

#### Performance Levels

API GL-5, Renault, Peugeot, Citroën



#### Valvoline Light & Heavy Duty Gear Oil 80W-90

- > Multi-vehicle gear oil
- > Maximize quality of shifting
- > Excellent synchronizer
- performance giving extended synchronizer life and shift comfort

#### Performance levels

API: GL-4ZF TE-ML 08

Material Number Table	1L	20L	208L
Valvoline Gear Oil 75W-80	866895	866896	866897
Valvoline Gear Oil 75W-90	867064	867065	867066
Valvoline Gear Oil 75W-80 RPC	867068	867069	-
Valvoline Light & Heavy Duty Gear Oil 80W-90	868217	866956	866957

# **VALVOLINE AXLE OIL**

Formulated with premium base stocks and additives, Valvoline Axle Oil products provide excellent driveline performance and protection. For multivehicle applications Valvoline Axle Oil offers a smooth running axle operation under various temperature conditions, in addition to the protection against axle wear and corrosion.



#### **Valvoline Axle Oil** 75W-90

- > For use in all hypoid transmissions and transaxles where API GL-5 oil is specified
- > Provides excellent protection under all weather conditions
- > Protects against rust and corrosion

#### Performance Levels API GL-5



#### Valvoline Axle Oil 75W-90 Limited Slip

- > For use in all limited slip transmissions where API GL-5 75W-90 is specified
- > Special additives reduce noise in differentials
- > Protects against wear under all conditions

#### Performance Levels API GL-5



#### Valvoline Light & **Heavy Duty Axle Oil** 80W-90

- > Axle oil for passenger cars, trucks and buses.
- > EP axle oil suitable for differentials and transaxles where the manufacturer specifies GL-5 oil

#### Performance levels:

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

Material Number T	able	1L	5L	20L	60L	208L
Valvoline Axle Oil 7	′5W-90	866890	-	866901	866902	-
Valvoline Axle Oil 7	'5W-90 Limited Slip	866904	-	866905	-	-
Valvoline Light & H	leavy Duty Axle Oil 80W-90	868214	866944	866945	-	866946

# **VALVOLINE TOTAL DRIVE LINE**

Valvoline Total Drive Line is developed to offer one product for the complete driveline. A high performance product that is multi vehicle and formulated with the 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.



#### Valvoline TDL 75W-90

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

#### Performance levels

API: GL-4, GL-5, MT-1, BMW MTF LT-4, Dexron MTF 75W-90, Fiat 9.5550-MZ4, Ford M2C-201-A, Ford M2C200-B, C, Ford N052145 VX00, GM 89021807, MB-235.72, MB-235.8, Porsche 999.917.067.00, SAAB MTF 0063, Volvo 97309, VW 501.50, VW G 50, VW G 052 145 VW G 052 911, ZF TE-ML 02B, 07A

Material Number Table	1L	5L	20L	60L
Valvoline TDL 75W-90	879869	-	879868	-

# OTHER LUBRICANTS





# LAWNMOWER OIL / CHAINSAW OIL

Valvoline specialty outdoor products provide the perfect engine protection and cleaning and lubrication properties needed when working with high-revving machinery in severe operating conditions. These lubricants use the highest quality base oils and the latest additive technology.



#### Lawnmower Oil

Valvoline Lawnmower Oil is a premium lubricant specially developed for use in all four-stroke lawnmowers, rotary cultivators, small tractors, floor cleaning machines and other similar equipment operating in a highrevving environment.

- > SAE 30
- > Keeps engines clean
- > Protects against wear and corrosion
- > Fulfills requirements of leading lawnmower manufacturers

#### Performance Levels/Approvals



#### Durablend Chainsaw 2T

DuraBlend Chainsaw 2T is a synthetic blend lubricant specially formulated with unique base oils and additives to provide enhanced oilfilm strength for severe operating conditions encountered by high-speed light and heavy chainsaw equipment.

- > Synthetic blend
- > Pre-diluted for easier mixing
- > For use in both injector and pre-mix systems
- > Use fuel/oil ratios as specified by the engine manufacturer

#### Performance Levels/Approvals

API TC, JASO FD, ISO L-EGD, Husqvarna 242/346

Material Number Table	1L
Lawnmower Oil	VE15960
Durablend Chainsaw 2T	VE15981

# **OUTBOARD OILS**

Providing year-round protection for all air and water-cooled engines, Valvoline high performance outboard engine oils not only provide excellent lubrication, but also help prevent deposits from forming in the combustion chamber and combat fuel-related problems. The specially selected base oils and additives provide excellent performance across a wide temperature range.



#### Super Outboard 2T

- > Excellent lubrication
- > Helps prevent deposits forming in the combustion chamber
- > Combats fuel-related problems, deposits, ring sticking and carbon accumulation
- > Pre-diluted for easier mixing, and suitable for oil-injection systems
- > Use fuel/oil ratios as specified by the engine manufacturer up to a maximum of 100:1
- > TC-W3

#### Performance Levels/Approvals

NMMA TC-W3, Re-certified RL-56669E



#### **Super Outboard 4T**

- > SAE 10W-30, API SJ
- > Provides easy cold starting
- > Good wear protection resists high speed revving
- > The product resists long term use and high engine temperatures when performing professional work on the water
- > With a pour point of -39°C. Super Outboard 4T has no problems with fishing trips in the wintertime
- > Basic oils and additives protect the engine against rust and corrosion and extend the lifespan of the different engine parts

#### Performance Levels/Approvals

API SJ

Material Number Table	1L	4L	208L	Bulk
Super Outboard 2T	VE16020	VE16027	VE16038	VE90255
Super Outboard 4T	VE16040	VE16047	714353	VE90216

# **SNOWMOBILE OIL / MULTI-PURPOSE OIL**



# 

#### **Snowmobile 2T**

- > Premium quality motor oil. Formulated with the use of synthetic technology to provide year-round protection for 2-stroke engines of snowmobiles.
- > Developed and tested to protect and perform under all operating conditions.
- > Suitable for light and heavy duty snowmobile equipment for professional or private use.
- > Prediluted and suitable for injector and pre-mix systems.
- > This is a make-to-order product with a MOQ

#### Performance levels

API: TC JASO FD ISO L-EGD

#### Multi-Purpose 2T

- > Synthetic technology based multi-purpose engine oil for two-stroke engines.
- > Provides optimum performance, helps keep the engine clean
- > Suitable for Lawn Mowers, Chain Saws, String Trimmers, Snow Blowers, etc.
- $\,>\,$  This is a make-to-order product with a MOQ

#### Performance levels

API: TC JASO: FD ISO: L-EGD Husqvarna 242/346

Material Number Table	5L	5L
Snowmobile 2T	879838	-
Multi-Purpose 2T	-	881201

# AUTOMOTIVE CHEMICALS

## EFFECTIVE WORKSHOP SOLUTIONS FOR INCREASED CUSTOMER SATISFACTION

Valvoline — the oil industry's first brand and a recognized leader in automotive aftercare — offers a complete range of high-performance chemicals that deliver superior results and convenience, generate new revenue opportunities and business growth, and build marketplace loyalty and customer satisfaction. You can count on the innovative, premium formulations and unrivaled performance of Valvoline automotive chemicals.



# COOLANTS



## PROTECTION AGAINST FROST AND VEHICLE BREAKDOWN

The primary cause of vehicle breakdown is cooling system failure, because:

- > Cooling system maintenance is often neglected
- > The wrong coolant or water is often used

Choosing the right coolant is essential to engine protection, and the complete range of premium Valvoline coolants help keep system components in top condition. Most vehicle manufacturers have particular coolant specifications and recommend different coolant technologies, including organic acid technology (OAT) or hybrid organic acid technology (HOAT). In addition to meeting these approved technologies, Valvoline coolants offer additional benefits so you can be sure of the best protection available.







### MaxLife Coolant AF Concentrate

For all passenger car applications > For both new and higher

- mileage vehicles > Extra additives to prevent
- scaling and system deposits
- > Protects seals, gaskets and aluminum
- > Lubricates seals and hoses to prolong life
- > Long-life formula (five years)

#### Performance Levels/Approvals

BS 6580: 1992, ASTM D-4985, Scania, ASTM D-3306 (D-4656), NATO S-759, O-Norm V5123, SAE J 1034, MB 325.3, Ford WSS M97 B44-D, Detroit Diesel, Jaguar, DAF, Deutz MWM, Opel 6277M, Isuzu, Leyland, Steyr, MACK. SAE J 814C, J1941, MB 325.0,2,5, Afnor 15-601, Audi, SEAT, Skoda, VW TL 774C, D, F, G, J, VW G11,G12,G12+,G12++ and G13 applications, MAN 324 type NF and Si-OAT, BMW N600.69.0, Volvo VCS. Renault RVI. MAN B&W. GM B 040 0240, MTU, Saab (6901 599), Peugeot (PSA B715110), Citroen (PSA B715110), Cuna NC956-16.

#### MaxLife Coolant 50/50 RTU

- For all passenger car applications
- > Easy to use> For both new and higher
- mileage vehicles > Extra additives to prevent
- scaling and system deposits > Protects seals, gaskets and
- aluminum > Lubricates seals and hoses to
- prolong life
- > Long-life formula (five years)

#### Performance Levels/Approvals

BS 6580: 1992, ASTM D-4985, Scania, ASTM D-3306 (D-4656), NATO S-759, O-Norm V5123, SAE J 1034, MB 325.3, Ford WSS M97 B44-D, Detroit Diesel, Jaguar, DAF, Deutz MWM, Opel 6277M, Isuzu, Leyland, Steyr, MACK, SAE J 814C, J1941, MB 325.0,2,5, Afnor 15-601, Audi, SEAT, Skoda, VW TL 774C, D, F, G, J, VW G11, G12, G12+, G12++ and G13 applications, MAN 324 type NF and Si-OAT, BMW N600.69.0, Volvo VCS. Renault RVI. MAN B&W. GM B 040 0240, MTU, Saab (6901 599), Peugeot (PSA B715110), Citroen (PSA B715110), Cuna NC956-16

### Zerex DEX-COOL Concentrate

Valvoline Zerex<sup>™</sup> DEX-COOL® antifreeze coolant is OEM approved for use in GM vehicles which require OAT DEX-COOL®. This formula ensures you are getting the precise factory-filled formula original to your vehicle. It is a patented\* carboxylate formulation with a service life of up to five years or 250,000 kilometers.

#### Approvals

GM 6277M DEX-COOL® approved. Under this specification also approved for use in: Opel/Vauxhall, Saab, Daewoo

#### Performance levels

SAE J1034, SAE J814 SAE J1941, TMC of ATA RP-302B Federal Specification A-A-870A Ford WSS-M97B44-D, Chrysler MS-12106

Material Number Table	1L	1LVS*	5L	20L	60L	208L	1000L	Bulk
MaxLife Coolant AF Concentrate	808503	-	808502	808501	808450	808449	808448	808447
MaxLife Coolant 50/50 RTU	808510	-	808509	808508	808507	808506	808505	808504
Zerex DEX-COOL Concentrate	-	-	-	-	-	873945	873815	873947



#### Valvoline Coolant Antifreeze Type G11 Concentrate

Valvoline Coolant Antifreeze Type 11 Concentrate is a concentrated product based on mono- ethyleneglycol and contains additives to protect against limescale, corrosion, foaming etc.

- > Suitable for diesel and gasoline engines
- > Protect all open and closed cooling systems against frost.

#### **Performance Levels**

Afnor NF R15-601, ASTM D-3306 (D-4656), ASTM D-4985, BS 6580, 1992, SAE J 1034



#### Valvoline Coolant Antifreeze Type G11 -35 RTU

Valvoline Coolant Antifreeze Type G11 -35 RTU is a ready to use product based on monoethyleneglycol and contains additives to protect against limescale, corrosion, foaming etc.

- > Suitable for diesel and gasoline engines
- > Protect all open and closed cooling systems against frost.

#### Performance Levels

Afnor NF R15-601, ASTM D-3306 (D-4656), ASTM D-4985, BS 6580, 1992, SAE J 1034



### Valvoline Coolant Antifreeze Type G11 -26 RTU

Valvoline Coolant Antifreeze Type G11 -26 RTU is a ready to use product based on monoethyleneglycol and contains additives to protect against limescale, corrosion, foaming etc.

- > Suitable for diesel and gasoline engines
- > Protect all open and closed cooling systems against frost.

#### **Performance Levels**

Afnor NF R15-601, ASTM D-3306 (D-4656), ASTM D-4985, BS 6580, 1992, SAE J 1034

### Screenwasher Antifreeze AF Concentrate

Valvoline Screenwasher Antifreeze is a powerful blue liquid which cleans and degreases the windscreen of your car and prevents freezing of the windscreen and screenwash reservoir. Special ingredients ensure a clean and clear windscreen for improved vision.

- > Excellent cleaning power
- > Reliable frost protection
- > Pleasant scent
- > Friendly for car paint and polycarbonates
- > Up to -50°C freezing protection
- Suitable for screenwash systems of all major car manufacturers

#### Languages

\* VS: GB, DE, NL, FR, PL, FI, DK/NO/SE

Material Number Table	1L	1L VS*	5L	20L	60L	208L	1000L
Valvoline Coolant Antifreeze Type 11 Concentrate	880861	-	880862	880863	881093	880921	882431
Valvoline Coolant Antifreeze Type 11 -35 RTU	880922	-	880923	880924	881094	880925	-
Valvoline Coolant Antifreeze Type 11 -26 RTU	880837	-	880838	880839	881092	880840	-
Screenwasher Antifreeze Concentrate	-	760442	-	-	-	760436	-

# **BRAKE & CLUTCH FLUIDS**



## SAFETY FIRST WITH HIGH-QUALITY FLUIDS

High-quality brake fluid is essential to ensure effective stopping power. Most vehicle manufacturers recommend changing brake fluids every two years to optimize braking performance and protect system components. Top-quality Valvoline brake fluids are available for all driving conditions and brake systems, including disc, drum and anti-skid (ABS) applications. Choosing Valvoline brake fluids is your guarantee of advanced performance and system protection.

## **BRAKE & CLUTCH FLUIDS**

Valvoline Brake & Clutch Fluids are high-quality, non-mineral fluids based on glycol ethers, and are formulated specifically for hydraulic brake systems. The high boiling points of all products mean that they are safe for use within the brake system and can be mixed with other brake fluids with a similar specifications. The hygroscopic properties of Valvoline Brake and Clutch Fluids absorb water that slowly lowers the boiling point. It is recommended that brake and clutch fluids are refreshed every two years.



### Brake & Clutch Fluid DOT 3

- > Developed for older vehicle hydraulic brake systems
- > High dry-boiling point (244°C)

Performance Levels/Approvals FMVSS 116 DOT3 SAE J. 1703. ISO 4925 CLASS 3

#### Brake & Clutch Fluid DOT 4

- > Developed for modern vehicle hydraulic brake systems
- > High dry-boiling point (265°C)

Performance Levels/Approvals FMVSS 116 DOT4 SAE J. 1704. ISO 4925 CLASS 4

### Brake & Clutch Fluid DOT 5.1

- Suitable for cars with ABS and ASR anti-block and anti-slip systems
- > High dry-boiling point and can be used at very high and very low-temperatures (270°C)

#### Performance Levels/Approvals

FMVSS 116 SAE J. 1704, ISO 4925

Material Number Table	500ML	1L	5L
Brake & Clutch Fluid DOT 3	841201	841202	841203
Brake & Clutch Fluid DOT 4	841592	841593	841594
Brake & Clutch Fluid DOT 5.1	-	VE58024	-

# POWER STEERING FLUIDS



# SYSTEMS WORKING PROPERLY

Valvoline power-steering fluids meet and exceed the requirements of leading vehicle manufacturers to ensure steering components are fully protected. Vehicle manufacturers recommend checking the quality of power steering fluids at least every two years to maintain proper system function and protection.

## **POWER STEERING FLUIDS**

Valvoline power steering fluids meet and exceed the requirements of leading vehicle manufacturers to ensure steering components that are fully protected for consistent high performance. Vehicle manufacturers recommend checking the quality of power steering fluids at least every two years to maintain proper system function and protection.



#### **LHM Plus Fluid**

- > Special fluid with improved flow at low-temperatures to meet Citroën specifications for the hydraulic system, power steering/brake system booster and leveling system
- Extremely high and stable viscosity index and a very low pour point

#### Performance Levels/Approvals

Please check owners manual before use. AFNOR NF R 12-640, ISO 7308, PSA (Citroën) B71 2710

#### Languages

\* VSW: GB, DE, NL, FR, ES, PT, IT, EE, FI, DK/NO/SE, LT, GR, HR/BiH, RU, RO, SI, CZ, HU, PL



- > Synthetic power steering fluid, suitable for use in power steering units and leveling systems of passenger cars and trucks where special OEM fluids are recommended
- Flows easily at very high and low-temperatures. Suitable for ABS/ASR/ASC systems

#### Performance Levels/Approvals

Please check owners manual before use. VW TL 52146 (G002000), VW G004000M2, MB 345.0, GM B 040 0070, MAN M 3289, Volvo 1161529, Audi, BMW, Saab, Porsche, Skoda, Fendt, Ford, ZF

#### Languages

\* VSW: GB, DE, NL, FR, ES, PT, IT, EE, FI, DK/NO/SE, LT, GR, HR/BiH, RU, RO, SI, CZ, HU, PL

Material Number Table	1L VSW*
LHM Plus Fluid	VE15900
SynPower Power Steering Fluid	VE18320

# VALVOLINE SERVICE ADDITIVES

## EASY AND EFFECTIVE SOLUTIONS FOR ENGINE PROBLEMS AND CAR MAINTENANCE

Valvoline oil, fuel and coolant additives deliver outstanding results, and quickly. The premium formulations simplify maintenance by cleaning effectively and offer lasting protection of systems and components.







Valvoline Service Additive products are by far the best choice for maximizing your engine's performance and efficiency. Easy and low-cost solutions for a clean engine, maximum fuel economy and ultimate protection.

## **COOLING SYSTEM SERVICE ADDITIVES**





### Cooling System Cleaner

- Removes and binds all oil and fat containing residues.
   Also permeates and removes sludge and corrosion residues from the cooling system.
- > Prevents early contamination of the new coolant due to leftover residue or sludge in the cooling system.

### Cooling System Stop Leak

- Valvoline Cooling System Stop Leak has an instant effect after application.
- > Effectively prevents coolant loss by sealing hairline cracks in the radiator and preventing sealant sweating. Does not block the cooling channels.

Material Number Table	GB, DE, NL, FR	NO, SE, FI, DK	IT, ES, PT, HR	RU, PL, EE, CZ
Cooling System Cleaner 12x250ML	882659	882660	882661	882813
Cooling System Stop Leak 12x300ML	882662	882663	882664	882814

## **DIESEL SERVICE ADDITIVES**









#### **Cold Flow Improver**

- > Keeps diesel fuel and heating oil operational during low temperatures. The Diesel Cold Flow Improver reduces the gelling tendency and thereby improves fuel flow. Ideal solution to prevent summer to winter diesel operation. Prevents thickening of diesel fuel and blocking of fuel lines and filters.
- Raises the cetane number in order to ensure optimal combustion.

### Diesel System Cleaner

- > Especially effective for instant cleaning of electronically and mechanically controlled injection nozzles. Removes harmful deposits.
- > Especially when engine performance is poor, fuel consumption and soot generation is high or emission readings indicate issues.
- > Improved combustion reduces smoke generation especially under full load.

#### Diesel System Protector

- > Effectively cleans all components of the diesel system that are in contact with the fuel. It prevents the buildup of harmful deposits inside the engine.
- Special inhibitors prevent corrosion inside the fuel system.
- > Stabilizes the fuel and prevents sludge forming which is more prevalent in case of biofuel containing fuels.

### DPF Cleaner And Regenerator

- > A good operating DPF is crucial for engine performance and exhaust emissions.
   Especially effective when driving conditions are unfavorable.
- Maintaining DPF performance prevents costly cleaning operations or repairs.

Material Number Table	GB, DE, NL, FR	NO, SE, FI, DK	IT, ES, PT, HR	RU, PL, EE, CZ
Cold Flow Improver 12x300ML	882665	882666	882667	882815
Diesel System Cleaner 12x300ML	882668	882669	882670	882816
Diesel System Protector 12x300ML	882671	882672	882673	882817
DPF Cleaner And Regenerator 12x300ML	882674	882675	882676	882818

## **PETROL SERVICE ADDITIVES**





### Petrol System Cleaner

- > Concentrated cleaning agent that cleans the fuel system from the tank to the combustion chamber.
   Effectively removes deposit and resins.
- > Cleans injection valves to ensure optimal engine performance.

### Petrol System Protector

- > Effectively cleans all components of the fuel system that come in contact with fuel. E.g. fuel lines, injectors, cylinders, combustion chambers and spark plugs. It prevents the build-up of harmful deposits inside the engine.
- Special inhibitors prevent corrosion inside the fuel system.

Material Number Table	GB, DE, NL, FR	NO, SE, FI, DK	IT, ES, PT, HR	RU, PL, EE, CZ
Petrol System Cleaner 12x300ML	882677	882678	882679	882819
Petrol System Protector 12x300ML	882680	882681	882682	882820

## **ENGINE OIL SERVICE ADDITIVES**







### Engine Oil Stop Leak

- Valvoline Engine Oil Stop Leak has a direct effect after application.
- Prevents pollution of the environment due to uncontrolled loss of engine oil.

### Engine Oil System Cleaner

- > Removes and disperses all soluble dirt and sludge deposits inside engines.
- > Prevents early contamination of the new engine oil due to leftover residue.

### Engine Oil Treatment

- Secures the viscosity class of the engine oil and stabilizes the lubricating film. Engine Oil Treatment supports extended drain intervals.
- Increased viscosity at higher temperatures makes a better seal at the piston rings. As a result, oil consumption is reduced.

Material Number Table	GB, DE, NL, FR	NO, SE, FI, DK	IT, ES, PT, HR	RU, PL, EE, CZ
Engine Oil Stop Leak 12x300ML	882656	882683	882658	882812
Engine Oil System Cleaner 12x300ML	882650	882651	882652	882780
Engine Oil Treatment 12x300ML	882653	882654	882655	882811

# CAR CARE

## FAST AND EFFECTIVE SOLUTIONS FOR CLEANING AND CAR MAINTENANCE

Valvoline car care chemicals 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.



# CLEANING



## LONGLASTING ENGINE PROTECTION THROUGH FAST, EFFECTIVE AND THOROUGH CLEANING SOLUTIONS

Quickly and effectively penetrate and remove the most harsh contaminants instantly with easy to use Valvoline cleaning products offering your engine long lasting protection.







#### **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

#### **Carburettor Cleaner**

Carburettor Cleaner provides powerful cleaning of gum, varnish, carbon and grime in a formula that meets VOC regulations.

- > Effective cleaners leave no deposits
- > Cleans throttle body, carburettors and choke
- Contains no chlorinated solvents
- > Safe for oxygen sensors and catalytic converters

#### **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



[Instruction video]

Material Number Table 500ML V1*		500ML V2*
Engine Cleaner	VE54240	-
Carburettor Cleaner	VE54100	-
Brake Cleaner	745935*	745936**

#### LANGUAGES

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





#### **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]

Material Number Table	400ML
Clean Tronic	750703
EGR + Turbo Cleaner	742847

# LUBRICATION



## **THE BEST PRODUCTS** FOR A SMOOTH RIDE

Excellent features for fast acting and effective lubrication, waterproofing and protective purposes to make your ride as smooth as it will ever be.



#### **Silicone Spray**

Silicone Spray is a light duty 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]

Material Number Table	400ML
Silicone Spray	750511
Penetrating Oil	750386
White Grease	750530



### 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





#### **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



[Instruction video]

Material Number Table	400ML	500ML
High Pressure Lubricant + PFTE	-	VE54140
Multi Spray	VE54330	-
Chain & Cable Lube	VE921	-

#### **Chain & Cable Lube**

Chain & Cable Lube with water displacer technology extends the life of chains and cables and will not harm rubber seals. An easy to apply, semi-synthetic lubricant for all chains and cables of motorcycles, mopeds, bicycles, go-karts, chainsaws, etc.

- > The synthetic components create a long-lasting lubricating and protecting film on the chain sprockets and/or the cable to ensure maximum chain and sprocket life.
- > Powerful protective film repels dirt, grime, mud, cold, hot and salt water.

Passenger Car Product Catalog

# **APPEARANCE**



## LOVE YOUR CAR EVEN MORE WHEN NEW CAR LOOKS ARE RESTORED

Restoring the new car showroom look with high-gloss shine varnish, bright clean windows and sweet smelling interior makes you love your car even more.



#### **Cockpit Spray**

Cockpit Spray restores that new car 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

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

# SPECIALTY



## A HIGH QUALITY SOLUTIONS RANGE FOR SPECIALTY CAR CARE APPLICATIONS

Specialty solutions range focussing on high quality, protection and ease of use for all other car care applications.



#### **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

most paint systems

of iron and steel

> Acts as an excellent primer for

> Helps slow down corrosion

### White Synthetic Chainlube

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

- > 0-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	400ML
Motor Start	752591
Copper Spray	750454
Zinc Spray	750590

Material Number Table	100ML	400ML
White Synthetic Chainlube	VE54321	VE54322

# TECTYL PROTECTIVE PRODUCTS

## THE DRIVING FORCE IN RUST PROTECTION

Valvoline 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.

New solutions have been developed to address recent market trends. In case of the Tectyl product line we can state that water-based and non-solvent products are superior options when environmental, health and safety regulations impact product requirements. In addition to rust prevention, Tectyl also consists of a complete line of sound damping products, consisting of various visco-elastic and sprayable silencers, suitable for many industries where vibrating resonances of metals must be reduced.

# TECTYL RUST PREVENTION



## ULTIMATE PROTECTION FOR YOUR CAR

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.

## AFTERMARKET

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.





### **Tectyl Bodysafe/ Bodysafe Wax**

A wax/asphaltic compound for the protection against corrosion. Perfect for the protection of the underbody of the car 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-toapply areas.

### **Tectvl 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 automotive 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, also

Material Number Table	600ML V1*	600ML V2*	]	flexible coating, which is als overpaintable, Tectyl Multi
Tectyl ML	VE20065	859973	Languages:	Purpose Clear can be used
Tectyl ML with attachment	VE20110	859972	*V1: GB, NL, FR, DE, IT *V2: GB, DK, FI, NO, SE, PL, RU, EE	almost everywhere.

Material Number Table	400ML	600ML	1LVC	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 cars, 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 "nonremovable 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	500ML	1LVC
Tectyl 190 Black	-	VE20000	VE20005
Tectyl 190 Grey	-	VE20010	-
Tectyl Glashelder/Klar	VE20055	-	-
Tectyl Amber	VE20020	-	-

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

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



#### **Tectyl 120**

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

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

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

#### 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 121-LV

Tectyl 121-LV is a filled, solvent cutback wax/asphaltic base, thixotropic, corrosion preventive compound.

Tectyl 121-LV is suitable for the complete undercoating of undersides of autos, trucks, buses, truck trailers, camp trailers, heavy construction equipment and cargo containers.

Tectyl 121-LV is very suitable as a coating in industrial constructions of ovens and chimneys, where high temperatures and in between periods under the dew point can occur.

Tectyl 121-LV dries to a firm, black, resilient, tough and abrasion resistant film.

#### Tectyl 122-A

Tectyl 122-A is a solvent cutback wax/asphaltic base, thixotropic corrosion preventive compound.

Tectyl 122-A is suitable to be applied to the undersides of vehicles.

Tectyl 122-A dries to a relatively firm, black, resilient, tough film.

Material Number Table	20 L OH CTD	59 L	200 L OH	203 L OH
Tectyl 120	-	VE20503	VE20505	-
Tectyl 120-EH	-	VE21143	VE21145	-
Tectyl 121-LV	801347	-	VE20525	-
Tectyl 122-A	801431	VE20543	-	VE20546



#### 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 semihard, waxy, light amber colored, translucent slightly tacky film.

#### Tectyl 550-ML

Tectyl 550-ML is a wax based, solvent cutback, amber colored corrosion preventive compound.

Tectyl 550-ML has good waterdisplacing properties and good penetration, making it very suitable as a corrosion protective for the inside of car doors and other hollow sections of cars and rolling equipment.

Tectyl 550-ML cures to an amber colored, waxy, semi-firm translucent film.

#### Tectyl 5638W-A

Tectyl 5638W-A is a water dispersed special filler/binder, sound damping compound and is almost free from organic solvent.

Tectyl 5638W-A is very suitable for small industrial application on cars, trains, and other rolling equipment.

Tectyl 5638W-A can also be used for sound reduction on vehicle parts (doors, hoods, gear coverings, etc.), air ventilation systems, containers (for glass, garbage, etc.), machine constructions and boiler covers in the heating sector.

Tectyl 5638W-A has been specially designed for the application with suitable, low pressure, suction spray equipment.

Tectyl 5638W-A is relatively fast drying (by evaporation of water) to a greyish black, hard film.

#### Tectyl 5765W-A

Tectyl 5765W-A is a waterborne, thixotropic, filled, quick drying, (co)polymer dispersion based underbody coating.

Tectyl 5765W-A is developed as an abrasion resistant underbody coating for buses and truck cabins. It is also suitable for complete undercoating of containers, trailers, caravans and other recreational vehicles.

Tectyl 5765W-A is also an excellent sealant for wooden floors of buses, trucks, caravans etc.

Tectyl 5765W-A cures to a darkgrey colored, abrasion resistant, resilient, firm film.

Material Number Table	1 L	5 L	20 L OH CTD	59 L	190 L OH	203 L	1000L
Tectyl 210-R	-	-	802251	VE20623	-	VE20626	-
Tectyl 550-ML	VE20080	VE20070	802260	VE20843	-	-	617068
Tectyl 5638W-A	-	-	802303	-	-	-	-
Tectyl 5765W-A	-	-	802305	-	671797	-	-

# PRODUCT OVERVIEW

SYNPOWER ENGINE OILS		1L	4L	5L	20L	60L	208L	1000L	Bulk
	SynPower 0W-20	782105	-	-	-	-	878268	882799	878210
	SynPower 0W-40	872587	872588	872589	-	-	VE11238	-	872586
	SynPower 5W-30	872377	872378	-	872379	VE11257	VE11258	VE11255	872799
	SynPower 5W-40	872380	872381	872382	872384	VE11277	VE11278	VE11275	872800
	SynPower 10W-40	872271	872260	872259	872258	872257	872273	-	872256
	SynPower FE 0W-20	872583	-	872584	872585	-	867774	869791	872582
	SynPower FE 0W-30	872560	872564	874310	872559	-	VE11338	-	872558
	SynPower FE 5W-20	872555	-	872556	872557	877983	839694	-	873155
	SynPower FE 5W-30	872551	-	872552	872553	722698	722699	722697	872554
	SynPower LL-12 FE 0W-30	881635	-	881636	881634	-	881633	-	881632
	SynPower ENV C1 5W-30	872591	-	872592	872593	-	872594	-	872590
	SynPower ENV C2 0W-30	872518	-	872519	872517	-	872807	882007	872805
	SynPower ENV C2 5W-30	872520	872521	874309	872550	872792	872809	872791	872808
	SynPower MST C3 5W-30	872596	872597	874308	872601	872600	872598	872599	872595
	SynPower MST C3 5W-40	872385	-	872386	872387	872806	872802	872803	872801
	SynPower MST C4 5W-30	872770	-	872771	872772	-	872769	-	872768
	SynPower XL-III C3 5W-30	872372	872373	872375	872376	872798	872796	872797	872795
	SynPower XL-IV C5 0W-20	882800	-	882861	882862	-	882863	-	882750
	SynPower DT C2 0W-30	875423	-	873950	-	873971	873972	-	873981
MAXLIFE ENGINE OILS		1L	4L	5L	20L	60L	208L	1000L	Bulk
MAALII E ENGINE OILS	MaxLife 5W-30	872371	4L 872370	872794	-	-	-	TUUUL	872366
	MaxLife C3 5W-30							-	
	MaxLife 5W-40	872369	872368 872364	881676	872367	872793	881675	-	872365
		872363					VE18058		872525
	MaxLife 10W-40	872295	872296	872297	872328	VE17917	VE17918	714354	872523
	MaxLife Diesel 10W-40	872329	-	872330	-	-	-	-	-
	MaxLife 15W-40	872361	872362	-	-	-	-	-	872524
ALL-CLIMATE ENGINE OILS		1L	4L	5L	20L	60L	208L	1000L	Bulk
	All-Climate 5W-30	872288	-	872286		-	872285	872284	872283
	All Climate C2/C3 5W-30	881924	-	881925	-	-	881923	-	881742
	All-Climate 5W-40	872282	-	872281	-	874306	872289	872280	872279
	All-Climate Diesel C3 5W-40	872278	-	872277	-	872276	872274	880936	872275
	All-Climate Extra 10W-40	872779	872780	872781	872782	834431	834147	834146	872778
	All-Climate 10W-40	872774	872775	872776	872777	798340	798339	863306	872773
	All-Climate 15W-40	872784	872785	872786	-	798406	798405	-	872783
	All-Climate 20W-50	872788	-	872789	-	-	798412	-	872787
	All-Olimate 20W-30	072700	-	072705	-	-	730412	-	012101
VR1 RACING ENGINE OILS		1L	4L	5L	20L	60L	208L	1000L	Bulk
	VR1 Racing 5W-50	873433	873434	-	-	-	VE11918	-	-
	VR1 Racing 10W-60	873338	-	873339	-	-	VE11938	-	873337
	VR1 Racing 20W-50	873431	-	873432	-	-	VE11958	-	873340
VALVOLINE ATF PRO		1L	4L	5L	20L	60L	208L	1000L	Bulk
	Valvoline ATF PRO 236.14	866737	-	-	866738	-	-	-	-
	Valvoline ATF PRO 236.15	866881	-	-	866882	-	-	-	868539
	Valvoline ATF PRO +4	866736	-	-	-	-	-	-	868538

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VALVOLINE ATF		1L	4L	5L	20L	60L	208L	1000L	Bulk
	Valvoline ATF	866885	-	867092	866886	866887	866888	-	866884
	Valvoline ATF AW	-	-	-	867091	-	-	-	866898
	Valvoline ATF Dex/Merc	866913	-	-	866912	-	866911	-	866910
	Valvoline ATF Type DX-II	808225	-	-		-	-	-	-
	Valvoline CVT	866907	-	868206	881610	-	-	-	-
	Valvoline DCT	866909	-	868207	881609	-	-	-	-
		000000		000201	001000				
VALVOLINE GEAR OIL		1L	4L	5L	20L	60L	208L	1000L	Bulk
	Valvoline Gear Oil 75W-80	866895	-	-	866896	-	866897	-	-
	Valvoline Gear Oil 75W-90	867064	_	-	867065	-	867066	-	
	Valvoline Gear Oil 75W-80 RPC	867068	-	_	867069	-	007000		-
			-	-			000057	-	
	Valvoline Light & HD Gear Oil 80W-90	868217	-	-	866956	-	866957	-	-
VALVOLINE AXLE OIL		1L	4L	5L	20L	60L	208L	1000L	Bulk
THE VEILE PALE VIL	Valvoline Axle Oil 75W-90	866890	4L -	- -	866901	866902	-		Duik
	Valvoline Axle Oil 75W-90 Limited Slip	866904	-	- 866905	-	000302	-		
			-			-		-	-
	Valvoline Light & HD Axle Oil 80W-90	868214	-	866944	866945	-	866946	-	-
VALVOLINE TOTAL DRIVE LINE		1L	4L	5L	20L	60L	208L	1000L	Bulk
VALVOLINE TOTAL DRIVE LINE	Valuatian TDL 75W 00		4L	ΰL		OUL	200L	TUUUL	DUIK
	Valvoline TDL 75W-90	879869	-	-	879868	-	-	-	-
OTHER LUBRICANTS		1L	4L	5L	20L	60L	208L	1000L	Bulk
	Lawnmower Oil	VE15960	-	-	-	-	-	-	-
	Durablend Chainsaw 2T	VE15981	-	-	-	-	-	-	
	Super Outboard 2T	VE16020	VE16027	-		-	VE16038	-	VE90255
	Super Outboard 4T	VE16020	VE16027	-		-	714353	-	VE90235
	Snowmobile 2T	-	879838	-		-	-	-	VL90210
				- 881201	-	-		-	-
	Multi-Purpose 2T	-	-	001201	-	-	-	-	-
COOLANTS		1L	1LVS*	5L	20L	60L	208L	1000L	Bulk
OUCLANTS	MaxLife Coolant AF Concentrate	808503	-	808502	808501	808450	808449	808448	808447
	MaxLife Coolant 50/50 RTU	808510	-	808509	808508	808507	808506	808505	808504
			-				873945	873815	
	Zerex DEX-COOL Concentrate	-	-	-	-	-		0/3013	873947
	Coolant Antifreeze Type 11 CONC	880861	-	880862	880863	881093	880921	-	-
	Coolant Antifreeze Type 11 -35 RTU	880922	-	880923	880924	881094	880925	-	-
	Coolant Antifreeze Type 11 -26 RTU	880837	-	880838	880839	881092	880840	-	-
	Screenwasher Antifreeze CONC	-	760442	-	-	-	760436	-	-
		FOOM	11	51	001	601	0001	1000	Della
BRAKE & CLUTCH FLUIDS	Droke & Oluteb Eluid DOT o	500ML	1L	5L	20L	60L	208L	1000L	Bulk
	Brake & Clutch Fluid DOT 3	841201	841202	841203	-	-	-	-	-
	Brake & Clutch Fluid DOT 4	841592	841593	841594	-	-	-	-	-
	Brake & Clutch Fluid DOT 5.1	-	VE58024	-	-	-	-	-	-
		11	111/0*	51	201	601	2001	1000	Dulle
POWER STEERING FLUIDS	LUM Dive Christ	1L	1LVS*	5L	20L	60L	208L	1000L	Bulk
	LHM Plus Fluid	-	VE15900	-	-	-	-	-	-
	SynPower Power Steering Fluid	-	VE18320	-	-	-	-	-	-

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# PRODUCT OVERVIEW

SERVICE ADDITIVES		GB, DE, NL, FR	NO, SE, FI, DK	IT, ES, PT, HR	RU, PL, EE, CZ
	Cooling System Cleaner	882659	882660	882661	882813
	Cooling System Stop Leak	882662	882663	882664	882814
	Cold Flow Improver	882665	882666	882667	882815
	Diesel System Cleaner	882668	882669	882670	882816
	Diesel System Protector	882671	882672	882673	882817
	DPF Cleaner And Regenerator	882674	882675	882676	882818
	Petrol System Cleaner	882677	882678	882679	882819
	Diesel System Cleaner	882680	882681	882682	882820
	Engine Oil Stop Leak	882656	882683	882658	882812
	Engine Oil System Cleaner	882650	882651	882652	882780
	Engine Oil Treatment	882653	882654	882655	882811
CAR CARE - CLEANING		100ML	400ML	500ML V1	500ML V2
	Engine Cleaner	-	-	VE54240	-
	Carburettor Cleaner	-	-	VE54100	-
	Brake Cleaner	-	-	745935*	745936**
	Clean Tronic	-	750703	-	-
	EGR + Turbo Cleaner	-	742847	-	-
CAR CARE - LUBRICATION		100ML	400ML	500ML	
	Silicone Spray	-	750511	-	
	Penetrating Oil	-	750386	-	
	White Grease	-	750530	-	
	High Pressure Lubricant + PFTE	-	-	VE54140	
	Multi Spray	-	VE54330	-	
	Chain & Cable Lube	-	VE921	-	
CAR CARE - APPEARANCE		100ML	400ML	500ML	
	Cockpit Spray	-	750586	-	
	Glass Cleaner	-	-	VE54060	
	Proshine Wax	-	-	VE54280	
CAR CARE - SPECIALTY		100ML	400ML		
	Motor Start	-	752591		
	Copper Spray	-	750454		
	Zinc Spray	-	750590		
	White Synthetic Chainlube	VE54321	VE54322		

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TECTYL RUST PREVENTION		400ML	6	OOML	1LVC	1L P	Г	5L	
	Tectyl Bodysafe Wax	-	- VE20030		-	-		-	
	Tectyl Bodysafe Wax with attachment	-	VE	20100	-	-		-	
	Tectyl Bodysafe	-		-	VE20050	VE200	35	VE20040	
	Tectyl 550 ML	-		-	VE20080	-		VE20070	
	Tectyl ML Greenline with attachment	-	7	82375	-	-		-	
	Tectyl Multi Purpose Clear	816702		-	-	-		-	
TECTYL RUST PREVENTION		600ML V1*			600ML V2*				
	Tectyl ML	VE20065				859973			
	Tectyl ML with attachment	VE20110				859972			
TECTYL RUST PREVENTION		400ML			500ML		1L VC		
	Tectyl 190 Black	-			VE20000	VE20005		)5	
	Tectyl 190 Grey	- VE20055 VE20020			VE20010	-			
	Tectyl Glashelder/Klar				-	-			
	Tectyl Amber				-	-			
TEATUL BUOT DEFUENTION							5L		
TECTYL RUST PREVENTION	Tachd Multi Durnaga EOC	400ML V1* VE20086			400ML V2* 860195	5L VE20090		0	
	Tectyl Multi Purpose 506				000190	VE20090			
TECTYL RUST PREVENTION		20 L OH CTD - - 801347		59 L		200 L OH		203 L	
	Tectyl 120			VE20503		VE20505 -			
	Tectyl 120-EH			VE21143		VE21145	-		
							-		
	Tectyl 121-LV	80134	47	-		VE20525		-	
	Tectyl 121-LV Tectyl 122-A	80134 80143		- VE20543		VE20525 -	VE	-	
	•						VE	- 20546	
TECTYL RUST PREVENTION	•				59 L		VE 203 L	- 20546 1000L	
TECTYL RUST PREVENTION	•	80143	31	VE20543	59 L VE20623	-			
TECTYL RUST PREVENTION	Tectyl 122-A	80143 1 L	31 5 L	VE20543 20 L OH CTD		- 190 L OH	203 L		
TECTYL RUST PREVENTION	Tectyl 122-A Tectyl 210-R	80143 1 L -	31 5 L -	VE20543 20 L OH CTD 802251	VE20623	- 190 L OH -	203 L VE20626	1000L -	

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# NOTES

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# NOTES

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# MORE PRODUCTS

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