

PASSENGER CAR PRODUCT CATALOG

TRUSTED FOR 150 YEARS™





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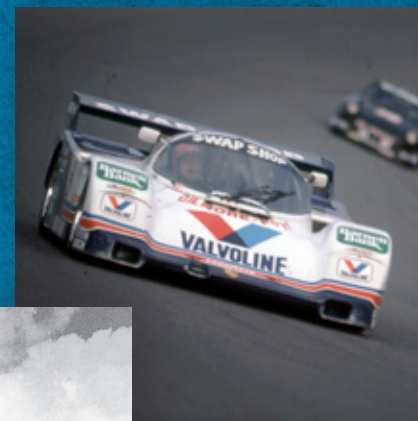
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**VALVOLINE'S
FIRST MOTOR OIL
WAS INVENTED IN**

1866

WELCOME TO VALVOLINE

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.



LUBRICATION IMPORTANCE



“WHY IS LUBRICATION IMPORTANT?”

LUBRICATION IMPORTANCE

FUNCTIONS OF A PREMIUM LUBRICANT:

1. Reduce friction

The primary function of engine oil is to keep metal from touching metal and help reduce friction.

2. Protect from wear

An engine contains hundreds of moving parts. If metal surfaces come into contact, friction will increase dramatically. Engine oil will protect the engine from wear.

3. Cooling

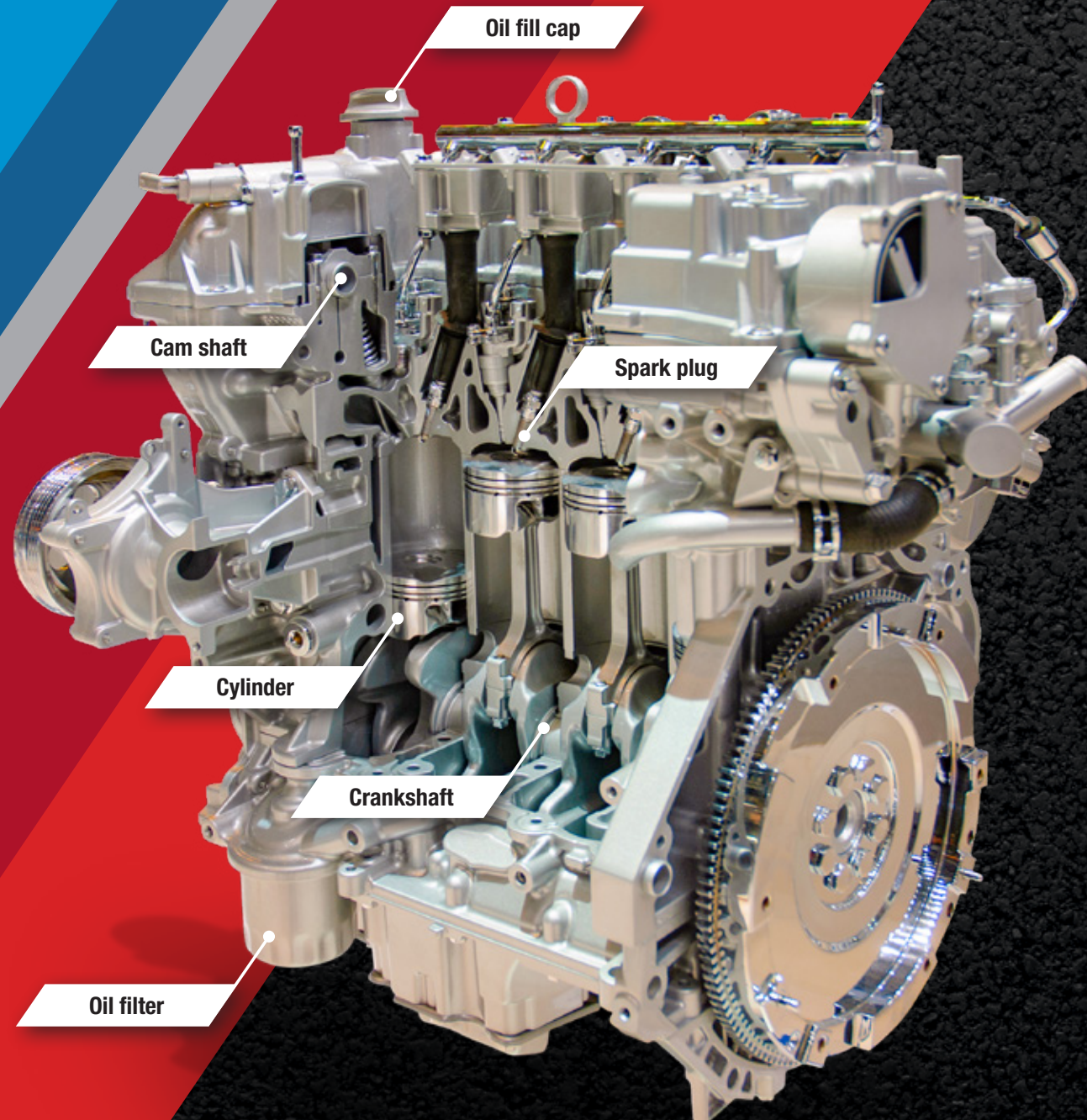
With friction comes heat, which causes more wear and distorts moving engine parts. Hence the engine oil helps cool the engine.

4. Cleaning

Lubricant acts also as a cleaning agent.

5. Sealing

The lubricating film seals the engine.



DIFFERENT ENGINES HAVE DIFFERENT NEEDS

New engine technology, higher kilometers, different driving conditions, severe operating conditions and extended service intervals all have a real impact on engine oil demands and performance.

That's why Valvoline products go beyond industry specifications to achieve maximum performance and provide superior protection. Engine Oils are formulated as per the application and operating conditions to protect and ensure optimal performance of the engine and equipment.

VALVOLINE MANUFACTURES:

- › Passenger Car Engine Oils
- › Motorcycle Oils
- › Car Care Products
- › Heavy Duty Diesel Engine Oils
- › Driveline Products
- › Anti Corrosive Products



VALVOLINE BRAND VALUES



PERFORMANCE
GUARANTEE

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.

- 1** 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.
- 3** Valvoline products are proven to provide added performance, longer life and better protection for your vehicle.
- 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.

ENGINE OILS

**PREMIUM GRADE ENGINE OILS FOR
PASSENGER CARS, HEAVY DUTY
VEHICLES AND MOTORCYCLES**

TRUSTED FOR 150 YEARS™



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.

PASSENGER CAR ENGINE OILS

SYNPOWER

OEM APPROVED PREMIUM GRADE ENGINE OIL

RECOMMENDED FOR FRANCHISED WORKSHOPS

SynPower is the result of Valvoline's drive for innovation. SynPower is an OEM approved premium grade synthetic 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.



SynPower SN SAE 0W-40

- > Premium quality 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

Performance levels

ACEA A3/B4, API: SL, SN; Suitable for use where MB 229.3, 229.1, 226.5 are specified. Recommended for use where Fiat 9.55535.M2 or N2 or Z2 is specified.

| Pack sizes | | | |
|------------|----|----|------|
| 1L | 4L | 5L | 208L |



SynPower SL/CF SAE 5W-30

- > Premium quality 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

Performance 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.

| Pack sizes | | | |
|------------|----|----|------|
| 1L | 4L | 5L | 208L |

SYNPOWER BENEFITS

- > 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.
- > Excellent product stability ensures long lasting performance.
- > Friction reducing additives in combination with low viscosity provide maximum fuel economy benefits



SPORTS CARS



RACING CARS



FULL SIZED SEDANS



SUV



COMPACT CARS



APPLICATIONS



SynPower SN SAE 5W-40

- > Premium quality 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

MB-Approval 229.5, Porsche A-40, Renault RN 0700, RN 0710

Performance levels

ACEA A3/B3, A3/B4, API: SL, SM, SN/CF; GM LL-B-025, BMW LL-01, MB-229.3, 226.5, PSA B71 2296. VW Standard 502.00, 505.00. Recommended for use where Fiat 9.55535.H2, M2, N2 or Z2 is specified.

| Pack sizes | | | | |
|------------|----|----|-----|------|
| 1L | 4L | 5L | 20L | 208L |

PASSENGER CAR ENGINE OILS

ALL-CLIMATE

HIGH QUALITY ALL-ROUND ENGINE OIL

RECOMMENDED FOR AFTER MARKET

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.



All-Climate SN SAE 5W-30

- > High quality 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.

| Pack sizes | | | |
|------------|----|----|------|
| 1L | 4L | 5L | 208L |



All-Climate SL SAE 10W-40

- > High quality conventional engine oil. Formulated for year round performance.
- > Proven and trusted technology for a broad range of petrol and LPG engines.

Performance levels
API: SL/CF

| Pack sizes | | | | |
|------------|----|----|-----|------|
| 1L | 4L | 5L | 20L | 208L |



All-Climate SN SAE 5W-40

- > High quality 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; JASO MA 2, MB 229.3, Renault RN0700/RN0710, VW Standard 502.00/505.00, GM LL-A-025, GM LL-B-025, Porsche A40

| Pack sizes | | | |
|------------|----|----|------|
| 1L | 4L | 5L | 208L |



All-Climate SL SAE 15W-40

- > High quality conventional engine oil. Formulated for year round performance
- > Suitable for turbo and non-turbocharged 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.G2 or D2 is specified.

| Pack sizes | | | | |
|------------|----|----|-----|------|
| 1L | 4L | 5L | 20L | 208L |

ALL-CLIMATE BENEFITS

- > 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 SL SAE 20W-50

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

Performance levels
API: SL/CF

| Pack sizes | | | | |
|------------|----|----|-----|------|
| 1L | 4L | 5L | 20L | 208L |



All-Climate SG SAE 20W-50

- > Good performance universal grade engine oil.
- > Uniquely engineered to meet the demands in a wide range of petrol engines

Performance levels
API: SG/CD

| Pack sizes | | | |
|------------|----|----|------|
| 1L | 4L | 5L | 208L |

PASSENGER CAR ENGINE OILS

VR1 RACING

VR1 RACING ENGINE OILS

RECOMMENDED FOR HIGH PERFORMANCE ENGINES

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.



VR1 Racing SL SAE 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

API: SL; Ford WSS-M2C-153E; GM 6094M;
Recommended for use where Fiat 9.55535.H3 is specified.

Pack sizes

5L

VR1 RACING BENEFITS

- > 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



SPORTS CARS



RACING CARS



FULL SIZED SEDANS



SUV



COMPACT CARS



APPLICATIONS



MOTORCYCLE ENGINE OILS

FOUR-STROKE ENGINE OILS

ADVANCED TECHNOLOGY TO IMPROVE YOUR RIDE

The Valvoline line of motorcycle oils use the most advanced technology to give you the added confidence of leading motorcycle protection. Backed by 150 years of Valvoline innovation, Valvoline motorcycle oils are specifically formulated to exceed the requirements of leading motorcycle manufacturers to provide outstanding protection on the open road or in severe city traffic.



SynPower 4T SAE 10W-30

- > Ultimate performance full synthetic engine oil for four-stroke motorcycle engines
- > Optimised wet-clutch performance
- > Fully complies with the latest JASO specifications
- > Provides excellent high and low temperature wear protection under all riding conditions

Performance levels
API: SM, SN; JASO MA; JASO MA2

| Pack sizes | | |
|------------|----|----|
| 1L | 4L | 5L |



Champ 4T SAE 20W-50

- > High quality conventional motor oil for four-stroke motorcycle engines
- > Wet clutch compatible, and fulfils API SG and JASO MA standards
- > Specially suitable for air cooled V-twin engines.

Performance levels
API: SL / JASO MA

| Pack sizes | | |
|------------|----|----|
| 1L | 4L | 5L |



SynPower 4T SAE 10W-50

- > Ultimate performance full synthetic engine oil for four-stroke motorcycle engines
- > Optimised wet-clutch performance
- > Fully complies with the latest JASO specifications
- > Provides excellent high and low temperature wear protection under all riding conditions

Performance levels
API: SN; JASO T903-MA2

| Pack sizes | | |
|------------|----|----|
| 1L | 4L | 5L |

VALVOLINE MOTORCYCLE OIL BENEFITS

- > Valvoline SynPower 4T Motorcycle Oil is high performance fully synthetic oil for four-stroke engines
- > Delivers optimum friction performance for outstanding acceleration and protection of clutch components
- > Valvoline Champ 4T Motorcycle Oil helps achieve peak engine performance
- > Optimal frictional characteristics for maximum power transfer, smooth shifting and proper protection of the wet clutch.



COMPETITION



SPORTS



OFF-ROAD



THREE WHEELERS



COMMUTER



APPLICATIONS



DRIVELINE OILS

PREMIUM DRIVELINE LUBRICANTS:
GEAR OILS, AXLE OILS AND
AUTOMATIC TRANSMISSION FLUIDS

TRUSTED FOR 150 YEARS™



BEST PROTECTION FOR VEHICLE 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. The product designs are based upon the latest specifications, so that Valvoline can offer the ultimate protection for every passenger car. That allows your workshop to carry a minimum number of products to service a wide range of passenger cars.

DRIVELINE OILS

AUTOMATIC TRANSMISSION FLUIDS

VALVOLINE 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 highmileage transmissions.



Valvoline ATF

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

Recommended by Valvoline for use in:

GM Dexron® IID, IIE, III, IIH, VI, 9986195, Autotrak II, AW-1 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, L12108 Chrysler Diamond SP-III, NAG-1, 3403-M115 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-IV-RR KIA SP-II, III, IV KIA Red-1 Mazda CX-9, M-V *, FZ Mercedes-Benz 236.1, 2, 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 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 / Audi G-055-540-A2 VW TL 52162, LT 71141 ZF ATF M 1375.4, 6 ZF Lifeguardfluid 6, ZF Lifeguardfluid 8 (ZF No. S671 090 312) > Audi/VW Oil no. G 060162 A1/A2/A6ATF; BMW Oil No. 8322 2152426, Jaguar Oil No. 02JDE 26444, Landrover Oil No. LRO23288, Chrysler Oil No. 68157995AA, Aisin Warner Transmissions JWS-3309, JWS-3324 Jatco Transmissions N 402 JASO 1A

Not recommended by Valvoline for use in:

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

| Pack sizes | | | |
|------------|----|-----|------|
| 1L | 5L | 20L | 208L |



Valvoline ATF Dex/Merc

- > Increased protection - Increased protection against wear and tear, also under high stress working conditions
- > Advanced additives - Modern additives protect against corrosion, oxidation, foam, and deposits
- > A mixture of premium mineral base oils and a highly balanced additive system avoid breakdowns and stick-slip even after long-term use
- > Consistent, stable viscosity - Increased viscosity-temperature properties even at very low temperatures create highly stable viscosity over a long period.

Performance levels

GM Dexron III H; Ford Mercon; Allison C-4

| Pack sizes | | | |
|------------|----|-----|------|
| 1L | 5L | 20L | 208L |

VALVOLINE CVT & DCT

Valvoline CVT is a premium multi-vehicle transmission fluid for passenger cars and vans with CVT (Continuous Variable Transmission) gearbox. Valvoline CVT fluid provides maximum protection and lubrication of most belt and chain-driven transmissions over a wide temperature range.

Valvoline DCT provides maximum protection and lubrication of the Dual Clutch Transmission gearbox over a wide temperature range.



Valvoline CVT

- > 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
- > 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

| Pack sizes | |
|------------|----|
| 1L | 5L |



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
- > 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

| Pack sizes |
|------------|
| 1L |

COOLANTS

**CONCENTRATED AND
READY-TO-USE COOLANTS
FOR LIGHT DUTY AND
HEAVY DUTY APPLICATIONS**

TRUSTED FOR 150 YEARS™



PROTECTION AGAINST 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.

COOLANTS

MAXLIFE AFC

MAXLIFE AFC COOLANT

RECOMMENDED FOR LIGHT DUTY APPLICATIONS

Maxlife™ Coolant/Antifreeze helps extend the life of vehicles by keeping the engine temperature stable in all climates and driving conditions. MaxLife provides long-life protection by means of a unique patented formulation with superior anti-corrosion inhibitors and anti-scaling chemistry. It protects the cooling system against freezing and over-heating by keeping it clean. Available in concentrate and 50/50 RTU.



MaxLife AFC Concentrated

- > Recommended for use in all vehicle makes and models
- > Helps protect against cold weather freeze-ups and hot weather boil-overs
- > Compatible with all colors of antifreeze in case of mixing

Performance levels

Afnor 15-601, 1991 ASTM D-3306 (D-4656) ASTM D-4985 BMW N600.69.0 BS 6580, 1992 Citroen (PSA B 71 5110) Cuna NC956-16 Detroit Diesel Deutz MWM Ford WSS M97 B44-D GM B 040 0240 Isuzu Jaguar Leyland, DAF MAN 324 Si-OAT MAN 324 type NF MAN B&W MB-325.0, 2, 3, 5, 6 MTU NATO S-759 O-Norm V5123 Opel 6277M Peugeot (PSA B 71 5110) Renault RVI Saab (6901 599), Steyr SAE J1034, J814C, J1941 Scania Volvo VCS Volvo, Mack Recommended by Valvoline for: VW TL 774 C, D, F, G, J VW G11, G12, G12+, G12++, and G13 applications AUDI, SEAT, SKODA

| Pack sizes | | |
|------------|----|-----|
| 1L | 5L | 20L |



MaxLife AFC 50/50 Ready-To-Use

- > Recommended for use in all vehicle makes and models
- > Helps protect against cold weather freeze-ups and hot weather boil-overs
- > Compatible with all colors of antifreeze in case of mixing

Performance levels

Afnor 15-601, 1991 ASTM D-3306 (D-4656) ASTM D-4985 BMW N600.69.0 BS 6580, 1992 Citroen (PSA B 71 5110) Cuna NC956-16 Detroit Diesel Deutz MWM Ford WSS M97 B44-D GM B 040 0240 Isuzu Jaguar Leyland, DAF MAN 324 Si-OAT MAN 324 type NF MAN B&W MB-325.0, 2, 3, 5, 6 MTU NATO S-759 O-Norm V5123 Opel 6277M Peugeot (PSA B 71 5110) Renault RVI Saab (6901 599), Steyr SAE J1034, J814C, J1941 Scania Volvo VCS Volvo, Mack Recommended by Valvoline for: VW TL 774 C, D, F, G, J VW G11, G12, G12+, G12++, and G13 applications AUDI, SEAT, SKODA

| Pack sizes | | |
|------------|----|-----|
| 1L | 5L | 20L |

TECTYL™

TECTYL:
ANTI-CORROSIVE INNOVATIVE SOLUTIONS,
PRODUCTS AND EXPERTISE



**WE'RE TECTYL.
BORN TO PROTECT.**

Ahead of the innovation curve, the Tectyl portfolio has grown to address recent market trends. Waterbased and non-solvent products have been developed to be the optimal solution to meet the demanding and stricter environmental, health and safety regulations worldwide. In addition to corrosion prevention, Tectyl also provides solutions to reduce metal vibrating resonances. A complete line of sound damping products is available for industries fighting against vibrating sounding of metals.

INDOOR AND OUTDOOR METAL SURFACE PROTECTION

The broad range of Tectyl products offer ultimate protection for metal surfaces against the damaging effects of moisture, chloride, salt, gravel and corrosion, which can help extend the service life of trucks, passenger vehicles, trailer bodies, earth moving, mining, industrial or any other equipment manufactured with metal parts.

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 BENEFITS

- › Tectyl products protect metal surfaces from corrosion, chipping, peeling and impingent abrasion
- › Waterbased, solvent and non-solvent product technologies
- › A complete line of sound damping products is available
- › Tectyl products can help avoid repairs and downtime of equipment
- › Extend the service life of trucks, passenger vehicles, trailer bodies, earth moving, mining, industrial or any other equipment



CAVITY WAX



CHASSIS & UNDERBODY



ENGINE



MULTI PURPOSE



SOUND DAMPING



SPECIALTY



APPLICATIONS

Tectyl Underbody Coating Bronze

TECTYL Underbody Coating Bronze is a solvent cutback, wax / asphaltic based, corrosion preventive compound. The product is suitable to be applied to the underbody of vehicles

| | |
|-----------------------|------------------------------|
| Nature: | Solvent |
| Characteristics: | Wax / asphaltic |
| Estimated protection: | Indoor: N/A. - Outdoor: N/A. |
| Colour | Bronze |
| Theoretical coverage | N/A. |

Pack size

500ML

Tectyl Multipurpose Amber

Tectyl Multipurpose Amber is a wax based, solvent cutback corrosion preventive compound. The product has good water displacing properties and good penetration, making it very suitable as a versatile corrosion protective for a wide variety of applications: Automotive, Marine, Household and Industrial.

| | |
|-----------------------|--|
| Nature: | Solvent |
| Characteristics: | Wax |
| Estimated protection: | Indoor: 36 months - Outdoor: 18 months |
| Colour | Dark brown |
| Theoretical coverage | 9,2 m²/ltr |

Pack size

500ML

Tectyl Multipurpose Waterbased

Tectyl Multipurpose Waterbased is a versatile, transparent, corrosion preventive coating. The cured film is hard and flexible and is specially made to be applied on ferrous and non-ferrous fabrications and industrial components. Tectyl Multipurpose Waterbased has a fast drying time, can be applied direct to metal, is overpaintable and ideal for visual inspections due to its transparency.

| | |
|-----------------------|--|
| Nature: | Waterbased |
| Characteristics: | Polymer dispersion |
| Estimated protection: | Indoor: 36 months - Outdoor: 12 months |
| Colour | Transparent |
| Theoretical coverage | 6,3 m²/ltr |

Pack size

500ML

Tectyl Stone Chipping Black

TECTYL Stone Chipping Black is a solvent cutback, rubber/resin based corrosion preventive compound recommended for protection of ferrous metals and the undersides of cars, trucks and trailers against corrosion and abrasive damage. The product is fast drying, has sound deadening properties and it is overpaintable. Cures to a black, firm, resilient, tough film.

| | |
|-----------------------|-----------------------------------|
| Nature: | Solvent |
| Characteristics: | Resin |
| Estimated protection: | Indoor: N/A. - Outdoor: 21 months |
| Colour | Black |
| Theoretical coverage | 1,4 m²/ltr |

Pack size

500ML

Tectyl Multipurpose Transparent

Tectyl Multipurpose Transparent is a colorless versatile corrosion preventive for automotive, industrial, marine and domestic use. Provides special protection to industrial and auto electrical wiring and contacts like ignition coil, spark plug wires and terminals. Can be used on ferrous and non-ferrous metals and in chromium-plated parts such as wheels of bicycles.

| | |
|-----------------------|---------------------------------------|
| Nature: | Solvent |
| Characteristics: | Resin |
| Estimated protection: | Indoor: 36 months - Outdoor: 6 months |
| Colour | Transparent |
| Theoretical coverage | 8,2 m²/ltr |

Pack size

500ML

Tectyl Attachment Hose

Suitable for use with:

- > Tectyl Cavity Wax Amber and
- > Tectyl Cavity Wax Non Solvent

Pack size

12x1

BRAKE & CLUTCH FLUID

TRUSTED FOR 150 YEARS™



★ VALVOLINE IS ALL YOUR VEHICLE NEEDS

Valvoline offers a wide range of performance chemicals with fast-acting formulas to meet demanding automotive and commercial environments. Find the right solutions for your applications.

BRAKE & CLUTCH FLUID

PRODUCT TABLE

BRAKE & CLUTCH FLUIDS

VALVOLINE BRAKE & CLUTCH FLUID

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 5.1

- > Developed for modern vehicle hydraulic brake systems
- > High dry-boiling point (265°C)
- > Stable viscosity over a long period
- > Suitable for use in major vehicle makes and models

Performance levels
FMVSS 116 DOT 5.1, SAE J. 1704, ISO 4925 CLASS 5.1

| Pack sizes |
|------------|
| 500ML |



Brake / Clutch Fluid DOT 3

- > Developed for modern vehicle hydraulic brake systems
- > High dry-boiling point (265°C)
- > Stable viscosity over a long period
- > Suitable for use in major vehicle makes and models

Performance levels
FMVSS 116 DOT3 SAE J. 1703, ISO 4925 CLASS 3

| Pack sizes | | | |
|------------|----|----|-----|
| 500ML | 1L | 5L | 20L |



Brake / Clutch Fluid DOT 4

- > Developed for modern vehicle hydraulic brake systems
- > High dry-boiling point (265°C)
- > Stable viscosity over a long period
- > Suitable for use in major vehicle makes and models

Performance levels
FMVSS 116 DOT4 SAE J. 1704, ISO 4925 CLASS 4

| Pack sizes | | | |
|------------|----|----|-----|
| 500ML | 1L | 5L | 20L |

| PASSENGER CAR ENGINE OILS | 1L | 4L | 5L | 20L | 208L | 1000L | BULK |
|---------------------------|----|----|----|-----|------|-------|------|
| SynPower SN SAE 0W-40 | • | • | • | | • | | |
| SynPower SL/CF SAE 5W-30 | • | • | • | | • | | |
| SynPower SN SAE 5W-40 | • | • | • | • | • | | |
| All-Climate SN SAE 5W-30 | • | • | • | | • | | |
| All-Climate SN SAE 5W-40 | • | • | • | | • | | |
| All-Climate SL SAE 10W-40 | • | • | • | • | • | | |
| All-Climate SL SAE 15W-40 | • | • | • | • | • | | |
| All-Climate SL SAE 20W-50 | • | • | • | • | • | | |
| All-Climate SG SAE 20W-50 | • | • | • | | • | | |
| VR1 Racing SL SAE 10W-60 | | | • | | | | |

| MOTORCYCLE ENGINE OILS | 1L | 4L | 5L | 20L | 208L | 1000L | BULK |
|------------------------|----|----|----|-----|------|-------|------|
| SynPower 4T SAE 10W-30 | • | • | • | | | | |
| SynPower 4T SAE 10W-50 | • | • | • | | | | |
| Champ 4T SAE 20W-50 | • | • | • | | | | |

| DRIVELINE OILS | 1L | 4L | 5L | 20L | 208L | 1000L | BULK |
|--------------------------|----|----|----|-----|------|-------|------|
| Valvoline ATF | • | | • | • | • | | |
| Valvoline ATF Heavy Duty | | | | | • | | |
| Valvoline ATF Dex/Merc | • | | • | • | • | | |
| Valvoline CVT | • | | • | | | | |
| Valvoline DCT | • | | | | | | |

| COOLANTS | 1L | 4L | 5L | 20L | 208L | 1000L | BULK |
|--------------------------------|----|----|----|-----|------|-------|------|
| MaxLife AFC Concentrated | • | | • | • | | | |
| MaxLife AFC 50/50 Ready-To-Use | • | | • | • | | | |

| TECTYL | 500ML | 1L | 5L | 20L | 59L | 200L | 203L | 208L | 12x1 |
|---------------------------------|-------|----|----|-----|-----|------|------|------|------|
| Tectyl Underbody Coating Bronze | • | | | | | | | | |
| Tectyl Multipurpose Amber | • | | | | | | | | |
| Tectyl Stone Chipping Black | • | | | | | | | | |
| Tectyl Multipurpose Transparent | • | | | | | | | | |
| Tectyl Multipurpose Waterbased | • | | | | | | | | |
| Tectyl Attachment Hose | | | | | | | | | • |

| BRAKE & CLUTCH FLUID | 500ML | 1L | 5L | 20L |
|------------------------------|-------|----|----|-----|
| Brake / Clutch Fluid DOT 5.1 | • | | | |
| Brake / Clutch Fluid DOT 4 | • | • | • | • |
| Brake / Clutch Fluid DOT 3 | • | • | • | • |



- **Lubricant Advisor**
- **Service Additives Advisor**
- **Technical Sprays Advisor**
- **Product Information Sheets**
- **Find Valvoline**
- **Safety Data Sheets**





TECHNICAL PARTNER



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