



Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 030/04d

Valvoline™ Motor Oil 5W-30

Proven technology for petrol and diesel engines. Valvoline Motor Oils (VMO) are formulated with enhanced additives for optimal protection under all operating conditions. VMO 5W-30 helps to maintain fuel efficiency.

Performance Levels

ACEA A3/B4, A3/B3 API SL/CF

Applications

Meets the requirements of ACEA A3/B4, A3/B3.

Not recommended for use in diesel vehicles fitted with Diesel Particulate Filters (DPF).

Always check the owner's manual and select the correct engine oil before use.

Features & Benefits

Engine cleanliness

Keeps engine clean by minimizing deposits.

Deposit control

Prevents forming of sludge and harmful deposits inside the engine.

Break down resistance

High thermal and oxidation stability resists oil breakdown.

Broad Vehicle application

High quality formulation suitable for a broad range of vehicles.

Cold start performance

Instant oil flow at low temperatures provides easy cold starts and optimal lubrication within seconds after ignition.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit **www.valvolineeurope.com**

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

| Valvoline Motor Oil (VMO) | |
|---|-------|
| SAE Viscosity Grade | 5W-30 |
| Viscosity, mm ² /s @ 100 °C. | 12,2 |
| ASTM D-445 | |
| Viscosity, mm ² /s @ 40 °C. | 71 |
| ASTM D-445 | |
| Viscosity Index | 170 |
| ASTM D-2270 | |
| Viscosity, mPa.s –30°C. | <6600 |
| ASTM D-5293 | |
| TBN, mg KOH/g | 10,3 |
| ASTM D-2896 | |
| Pour Point, °C | -45 |
| ASTM D-5949 | |
| Specific Gravity @ 15.6°C. | 0,856 |
| ASTM D-4052 | |
| Flash Point, COC, °C. | 224 |
| ASTM D-92 | |

This information only applies to products manufactured in the following location(s): Europe

Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet http://sds.valvoline.com

Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces - 030/04c

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