# PRODUCT INFORMATION



# Lubricants - Engine Oil - Passenger Car Motor Oils

# Version: 030/03f Valvoline<sup>™</sup> Motor Oil 5W-40

Proven technology for petrol and diesel engines. Valvoline Motor Oils (VMO) are formulated with enhanced additives for optimal protection under all operating conditions.

Performance Levels	
ACEA A3/B4, A3/B3	
API SN/CF	

# Applications

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

Not recommended for use in diesel vehicles fitted with Diesel Particulate Filter (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.

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#### 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-40
Viscosity, mm²/s @ 100 °C.	14,2
ASTM D-445	
Viscosity, mm²/s @ 40 ºC.	87
ASTM D-445	
Viscosity Index	169
ASTM D-2270	
Viscosity, mPa.s –30°C.	<6600
ASTM D-5293	
Pour Point, ºC	-45
ASTM D-5949	
Specific Gravity @ 15.6°C.	0,857
ASTM D-4052	
Flash Point, COC, ºC.	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 - 030/03e

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