

# Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 006/09b

## Turbo Motor Oil SAE 15W-40

***High performance conventional engine oil – Uniquely engineered to meet the demands of both turbo-diesel and petrol engines***

Turbo SAE 15W-40 helps resist oxidation and prevent sludge formation on turbocharger bearings **not only meeting but exceeding** the demands of both turbo-diesel and petrol engines.

### Approvals/Performance levels

<b>SAE 15W-40</b>
API SL/CF
ACEA A3/B3-04
Volkswagen 505.00
Mercedes-Benz 229.1

### Applications

High performance conventional engine oil formulated to protect turbo and non-turbocharged diesel, petrol and LPG engines.

Can be used in passenger cars, light trucks, garden equipment, pleasure boats, motorcycles without wet clutch, etc.

Also suitable for industrial equipment such as telehandlers or forklifts.

### Features and Benefits

#### **Wear protection**

Strong oil film protects the engine against wear and corrosion.

#### **Engine cleanliness**

Advanced detergent additives keep the engine clean and in good condition. Prevents black sludge.

#### **Breakdown resistance**

Thermal and oxidation stable oil film resists oil breakdown.

#### **Deposit control**

Exceeds manufacturer performance requirements to offer superior deposit control.

#### **Cold starts**

Multigrade engine oil guarantees a quick cold start, also in wintertimes.

#### **Multi-Purpose use**

Suitable for many cars, vans, and other equipment operating in all conditions.

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## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

## Protect the Environment

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

## Typical Properties

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

Turbo motor oil	
<b>SAE Viscosity Grade</b>	15W-40
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	14.2
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	107
<b>Viscosity Index</b> ASTM D-2270	135
<b>Viscosity, mPa.s -20°C.</b> ASTM D-5293	<7000
<b>TBN, mg KOH/g</b> ASTM D-2896	9.0
<b>Pour Point, °C</b> ASTM D-5950	-33
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0.883
<b>Flash Point, COC, °C.</b> ASTM D-92	220

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

## People Who Know, Use Valvoline™

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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.valvolineurope.com](http://www.valvolineurope.com)

## Author:

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