

# Product Information



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

Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 001/17a

## SynPower™ Motor Oil SAE 0W-40

*Premium full synthetic passenger car motor oil - Provides the ultimate performance, protection for latest-generation petrol, diesel engines*

SynPower SAE 0W-40 **exceeds** latest performance standards of leading automakers and promotes reduced fuel consumption, lower emissions and extended drain intervals.

### Approvals/Performance levels

<b>SAE 0W-40</b>
API SJ/CF
ACEA A3-98, B3-98, B4-98
Mercedes-Benz 229.3*
Volkswagen 503.01
Volkswagen 502.00/505.00
BMW LL-98

\*Includes Mercedes-Benz 229.1

### Applications

Provides the ultimate performance in lubrication of petrol and diesel engines of passenger cars, delivery vans, light passenger buses, campers, utility trucks, etc.

For modern engines with turbochargers and catalytic converters.

Suitable for medium long drain oil change intervals.

For cold weather conditions, even lower than -50°C.

Suitable for direct injected diesel engines (Volkswagen DID test).

### Features and Benefits

#### Superior Protection

Quality synthetic base oils combined with advanced additives result in an engine oil that fights the three major causes of engine stress – heat, deposits and wear.

#### Breakdown Resistance

Larger uniform molecules in base oil contribute to optimum lubrication and maximum resistance to thermal breakdown.

#### Deposit Control

Advanced additives reduce friction, dissipate heat and remove contaminants thus preventing sludge and cleaning away deposits and varnish.

#### Wear Protection

Extreme pressure properties make critical engine parts resistant to wear.

#### Cold Start Properties

Higher tolerance for temperature extremes means consistent viscosity and consistent cold weather starts.

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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.

SynPower motor oil	
<b>SAE Viscosity Grade</b>	0W-40
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	13.3
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	73
<b>Viscosity Index</b> ASTM D-2270	183
<b>Viscosity, mPa.s -35°C.</b> ASTM D-5293	<6200
<b>TBN, mg KOH/g</b> ASTM D-2896	10.5
<b>Pour Point, °C</b> ASTM D-5950	-54
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0.861
<b>Flash Point, COC, °C.</b> ASTM D-92	226

**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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