

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 083/01

## SynPower™ MBO Motor Oil SAE 5W-40

Premium quality full synthetic motor oil. Formulated for ultimate performance and protection under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

Approvals
MB-Approval 229.5
Performance levels
ACEA A3/B3, A3/B4
API SL, SM, SN/CF
BMW LL-01 <2019*
MB-229.3, 226.5
Recommended for use where Fiat 9.55535.H2, M2, N2, or Z2 is specified.

### Applications

Formulated for petrol and diesel engines of passenger cars, delivery vans, light trucks, persons minibuses, campers.

For modern engines with turbochargers and catalytic converters.

Suitable for extra long drain oil change intervals.

Suitable for direct injected diesel engines

\*Build year prior to 2019

### Features & Benefits

#### Ultimate protection and performance

SynPower engine oil is formulated with the highest quality base oils and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

#### Deposit control

Special additives prevent the formation of sludge and harmful deposits inside the engine.

#### Engine cleanliness

Keeps engine extremely clean by minimizing deposits.

#### Long drain interval

Formulated for excellent product stability. Long-lasting performance and suitable for long drain intervals.

#### Excellent cold start performance

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

#### Wear protection

Provides ultimate protection against wear under all operating conditions.

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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](http://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.

SynPower MBO Motor Oil	
<b>SAE Viscosity Grade</b>	5W-40
<b>Viscosity</b> , mm <sup>2</sup> /s @ 100 °C. ASTM D-445	13,9
<b>Viscosity</b> , mm <sup>2</sup> /s @ 40 °C. ASTM D-445	85
<b>Viscosity Index</b> ASTM D-2270	168
<b>Viscosity</b> , mPa.s –30°C. ASTM D-5293	<6400
<b>TBN</b> , mg KOH/g ASTM D-2896	10,0
<b>Pour Point</b> , °C ASTM D-5949	-48
<b>Specific Gravity</b> @ 15.6°C. ASTM D-4052	0,855
<b>Flash Point</b> , COC, °C. ASTM D-92	229

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

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## 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.