

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 033/08

## MaxLife™ Motor Oil SAE 5W-40

High quality full synthetic motor oil with a unique formulation to extend engine life. MaxLife engine oil is specially formulated for higher mileage engines. Special additives fight the major causes of engine breakdown and help to reduce oil consumption. MaxLife extends the life of an engine.

### Performance levels

ACEA A3/B3, A3/B4

API: SN/CF

Renault RN0700/0710

Suitable for use in applications where Volkswagen 50200/50500 or MB-229.3 are specified.

### Applications

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

Suitable for Direct Injected Diesel engines (Volkswagen DID test). Specially developed for modern engines with higher mileage.

### Features & Benefits

#### Maximize engine life

Unique formulation with exclusive additives that combat all major causes of engine breakdown; leakage, deposits, sludge and friction. MaxLife engine oils are formulated to extend engine life.

#### Broad vehicle application

Specific formulation suitable for a broad range of high mileage vehicles.

#### Cold start performance

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

#### High deposit control

Additional cleaning agents reduce harmful deposits which are commonly present in high mileage engines.

#### Engine cleanliness

Through use of detergent additives high mileage engines are kept clean and in good condition. Exceeds the ACEA A3/B3 limits for piston cleanliness in the Volkswagen TDI engine test.

#### Wear protection

Strong oil film provides protection against wear under all operating conditions.

#### Reduced oil consumption

Special conditioners keep the seals in good condition. This helps to reduce, or even prevent, oil consumption of high mileage engines.

#### Long drain interval

Long lasting formula for long drain applications.

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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.

| <b>MaxLife Motor Oil</b>                                   |       |
|--|-------|
| <b>SAE Viscosity Grade</b>                                 | 5W-40 |
| <b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b><br>ASTM D-445 | 13,5  |
| <b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b><br>ASTM D-445  | 81    |
| <b>Viscosity Index</b><br>ASTM D-2270                      | 170   |
| <b>Viscosity, mPa.s -30°C.</b><br>ASTM D-5293              | <6400 |
| <b>TBN, mg KOH/g</b><br>ASTM D-2896                        | 10    |
| <b>Pour Point, °C</b><br>ASTM D-5949                       | -42   |
| <b>Specific Gravity @ 15.6°C.</b><br>ASTM D-4052           | 0,857 |
| <b>Flash Point, COC, °C.</b><br>ASTM D-92                  | 228   |

**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://msds.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 – 033/07