

*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 070/03

## MaxLife<sup>™</sup> C3 Motor Oil SAE 5W-30

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 C3

API: SN/CF

BMW LL-04

GM Dexos 2

MB-229.51, 229.31

Suitable for use in engines where VW Standard 50200 or 50500 is recommended.

### Applications

Formulated for Euro 4 and 5 diesel engines equipped with DPF technology (diesel particulate filter), and/or TWC (three way catalyst).

Suitable for CDI engines with EGR and DPF system, and long-drain intervals up to 30.000 kilometers.

Can be used in modern GM, MB and BMW gasoline and diesel engines. Except GM Duramax diesel engines that require API CJ-4 engine oil.

### 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.

#### Optimized for emission control systems

Optimized for use with emission control systems like DPF (Diesel Particulate Filter) and Three Way Catalyst systems. Low SAPS output keeps the emission control system in good shape.

#### 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.

# PRODUCT INFORMATION



## 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 C3 Motor Oil</b>	
<b>SAE Viscosity Grade</b>	5W-30
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	12,1
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	71
<b>Viscosity Index</b> ASTM D-2270	169
<b>Viscosity, mPa.s -30°C.</b> ASTM D-5293	<6200
<b>TBN, mg KOH/g</b> ASTM D-2896	7,6
<b>Pour Point, °C</b> ASTM D-5949	-45
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0,853
<b>Flash Point, COC, °C.</b> ASTM D-92	230

**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 – 070/02