



# PRODUCT INFORMATION

*Lubricants - Engine Oil - Passenger Car Motor Oils*

## Valvoline™ All-Climate™ C2/C3 5W-30

High quality synthetic blend motor oil. Formulated for year-round performance. Proven and trusted technology for a broad range of diesel, petrol and LPG engines.

### Performance levels

ACEA C2, C3  
API SP  
MB-229.31

### Applications

Suitable for a wide range of engines.

Specially designed for use in light duty vehicles fitted with after-treatment systems.

Suitable for engines with Diesel Particle Filter (DPF), Gasoline Catalytic Converter systems (GCC) or Three Way Catalytic Converter (TWC) where ACEA C2 or C3 specification is prescribed, such as Toyota, Hyundai, Kia, Nissan, etc.

### Features & Benefits

#### Year round performance

All-Climate engine oils are formulated for year round performance. Meeting industry performance levels.

#### Broad vehicle application

High quality formulation suitable for a wide range of vehicles.

#### Cold start performance

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

#### Wear protection

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

#### Engine cleanliness

Keeps engine clean by minimizing deposits.

#### Deposit control

Prevents forming of sludge and harmful deposits inside the engine.

#### 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 Global Operations 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  
<https://www.valvolineglobal.com/en-eur/>  
or <http://pisheets.valvolineglobal.com>

## Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <http://sds.valvolineglobal.com>

## Typical properties

All-Climate Motor Oil C2/C3	
<b>SAE Viscosity Grade</b>	5W-30
<b>Viscosity @ 100°C, mm<sup>2</sup>/s</b>	12.0
ASTM D445	
<b>Viscosity @ 40°C, mm<sup>2</sup>/s</b>	73
ASTM D445	
<b>Viscosity Index</b>	160
ASTM D2270	
<b>Viscosity @ -30°C, mPa.s</b>	< 6600
ASTM D5293	
<b>TBN, mg KOH/g</b>	7.9
ASTM D2896	
<b>Pour Point, °C</b>	-42
ASTM D5949	
<b>Density @ 15°C, g/cm<sup>3</sup></b>	0.855
ASTM D1298	
<b>Flash Point, COC, °C</b>	223
ASTM D92	

\*The data provided is for reference only and can be applied only for the specific production location.

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

Effective date: 1/6/2026