



PRODUCT INFORMATION

Lubricants - Engine Oil - Passenger Car Motor Oils

Valvoline™ All-Climate™ 5W-40

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

Performance levels
ACEA A3/B3, A3/B4
API SN/CF
GM-LL-A-025, GM-LL-B-025
MB-229.3
Porsche A40
Renault RN0700/RN0710
VW 502 00/505 00
Recommended for use where Fiat 9.55535-N2 or Z2 are specified

Applications

Formulated for petrol, diesel or LPG engines of passenger cars, delivery vans, persons minibuses, campers.

For modern engines with turbochargers, catalytic converters and long drain intervals.

Features & Benefits

Year round performance

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

Engine cleanliness

Through the use of detergent additives the engine is kept in good condition. Exceeds the ACEA A3/B3 limits for piston cleanliness in the Volkswagen TDI engine test.

Broad vehicle application

High quality formulation suitable for a wide range of vehicles.

Deposit control

Prevents forming of sludge and harmful deposits inside the engine.

Cold start performance

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

Breakdown resistance

Thermal and oxidation stable oil film resists oil breakdown.

Wear protection

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

PRODUCT INFORMATION



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	
SAE Viscosity Grade	5W-40
Viscosity @ 100°C, mm²/s	14.2
ASTM D445	
Viscosity @ 40°C, mm²/s	87
ASTM D445	
Viscosity Index	169
ASTM D2270	
Viscosity @ -30°C, mPa.s	< 6600
ASTM D5293	
TBN, mg KOH/g	10.1
ASTM D2896	
Pour Point, °C	-45
ASTM D5949	
Density @ 15°C, g/cm³	0.857
ASTM D1298	
Flash Point, COC, °C	224
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