

Product Information



A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.

Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 045/01e

Valvoline™ All-Climate Motor Oil SAE 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
MB-229.3
Renault RN0700/RN0710
VW 50200/50500

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.

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

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.

Deposit control

Prevents forming of sludge and harmful deposits inside the engine.

Breakdown resistance

Thermal and oxidation stable oil film resists oil breakdown.

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Health & Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Safety Data Sheet (SDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

All-Climate Motor Oil	
SAE viscosity grade	5W-40
Viscosity, mm ² /s @ 100 °C. ASTM D-445	13,6
Viscosity, mm ² /s @ 40 °C. ASTM D-445	83
Viscosity Index ASTM D-2270	167
Viscosity, mPa.s -30°C. ASTM D-5293	<6400
TBN, mg KOH/g ASTM D-2896	10,8
Pour Point, °C ASTM D-5949	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0,856
Flash Point, COC, °C. ASTM D-92	230

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

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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.valvolineurope.com

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