PRODUCT INFORMATION



Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 283/02 Valvoline[™] All-Climate[™] DPF C3 5W-30

VALVOLINE All-Climate – High Quality Motor Oil for All Year-Round Usage.

One of the first multi-grade motor oils, All-Climate is specially formulated to provide optimal lubrication over a wide variety of operating temperatures and climatic conditions.

| Performance levels | |
|---------------------------------------|--|
| ACEA C3 | |
| API SN | |
| Fiat 9.55535.S3 (petrol engines only) | |
| MB-229.31 | |
| VW 504 00/507 00 | |

Applications

Suitable for a wide range of diesel and gasoline vehicles, provides optimal lubrication where ACEA C3 is specified. Specially developed for diesel vehicles with a Diesel Particulate Filter (DPF).

Features & Benefits

Year round performance

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

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.

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 <u>https://www.valvolineglobal.com/en-eur/</u> or <u>http://pisheets.valvolineglobal.com</u>

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 DPF C3 5W-30 | |
|---------------------------|--------|
| SAE Viscosity Grade | 5W-30 |
| Viscosity, mm²/s @ 100ºC | 11,7 |
| ASTM D-445 | |
| Viscosity, mm²/s @ 40ºC | 68,7 |
| ASTM D-445 | |
| Viscosity Index | 178 |
| ASTM D-2270 | |
| Viscosity, mPa.s –30°C | < 6600 |
| ASTM D-5293 | |
| TBN, mg KOH/g | 9 |
| ASTM D-2896 | |
| Pour Point, °C | -39 |
| ASTM D-5949 | |
| Specific Gravity @ 15,6°C | 0,854 |
| ASTM D-4052 | |
| Flash Point, COC, ºC | 230 |
| ASTM D-92 | |

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

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://sds.valvolineglobal.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 storing 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 - 283/01

™ Trademark, Valvoline Global Operations ©2024 Valvoline Global Operations

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.