



Obsidian Longlife 5W-30

SAE 5W-30 · ACEA C3 · API SN · Fully synthetic

PRODUCT DESCRIPTION

Obsidian Longlife 5W-30 is a fully synthetic, PAO-containing engine oil developed for the extended drain requirements of VW Group petrol and diesel engines, including direct injection, turbocharged and pump-injector (Pumpe-Düse) units. Friction modifiers protect the cam and injector drive, and the mid-SAPS formulation keeps aftertreatment systems clean for the full interval.

APPLICATIONS

- VW, Audi, SEAT, Škoda and Cupra petrol and diesel engines where VW 504 00 / 507 00 is specified
- Variable LongLife service regimes of up to 30,000 km / 2 years, as set by the vehicle's service indicator
- Mercedes-Benz, BMW and Porsche applications calling for MB 229.51, BMW Longlife-04 or Porsche C30
- Not for heavy-duty truck or bus engines

PERFORMANCE LEVELS

Formulated to meet the requirements of:

- **ACEA C3**
- **API SN**
- **VW 504 00 / 507 00**
- **MB 229.51**
- **BMW Longlife-04**
- **Porsche C30**

TYPICAL PROPERTIES

Property	Test method	Unit	Typical value
Density at 15 °C	ASTM D4052	g/cm ³	0.850
Kinematic viscosity at 40 °C	ASTM D445	mm ² /s	69.8
Kinematic viscosity at 100 °C	ASTM D445	mm ² /s	12.0
Viscosity index	ASTM D2270	—	171
HTHS viscosity at 150 °C	ASTM D4683	mPa·s	≥ 3.5
Cold-cranking viscosity at -30 °C	ASTM D5293	mPa·s	≤ 6,600
Flash point (COC)	ASTM D92	°C	228
Pour point	ASTM D97	°C	-45
Total base number	ASTM D2896	mg KOH/g	7.2
Sulphated ash	ASTM D874	% mass	≤ 0.80

Typical values are indicative of current production and do not constitute a specification. Minor variations may occur between batches. Certificates of analysis are available on request.

PACK SIZES AND PART CODES

5 litre can

OBS-LL530-005

20 litre can

OBS-LL530-020

200 litre barrel

OBS-LL530-200

STORAGE, HEALTH AND SAFETY

Store under cover between 0 °C and 40 °C, away from direct sunlight, heat and sources of ignition. Keep containers closed when not in use. This product is not expected to present a significant hazard when used as directed and with good standards of industrial hygiene. Avoid prolonged skin contact. Dispose of used oil through an authorised collection point; never pour it into drains or watercourses. Refer to the safety data sheet, available on request, for full information.

The information in this data sheet is given in good faith and reflects our current knowledge. Selection of the correct grade is the responsibility of the user: always confirm the grade and specification against the vehicle manufacturer's handbook or service data. OEM references indicate the performance requirements this product is formulated to meet and are not a statement of manufacturer approval unless stated.

