



Obsidian 0W-30 C2/C3

SAE 0W-30 · ACEA C2 / C3 · API SP · Fully synthetic

PRODUCT DESCRIPTION

Obsidian 0W-30 C2/C3 is a fully synthetic PAO and ester engine oil for modern petrol and diesel engines, with and without turbocharging. Its low-viscosity base reaches the bearings quickly from cold, cutting start-up wear in stop-start driving, while protecting timing chains and keeping the turbocharger clean. Mid-SAPS chemistry suits DPF, TWC, EGR and SCR systems.

APPLICATIONS

- Peugeot, Citroën, DS, Vauxhall / Opel, Ford, BMW and Mercedes-Benz petrol and diesel engines specifying a 0W-30
- Ford diesel engines (including EcoBlue) where WSS-M2C950-A is specified
- Stop-start, hybrid-assisted and low-temperature operation
- Not for heavy-duty truck or bus engines

PERFORMANCE LEVELS

Formulated to meet the requirements of:

- ACEA C2 / C3
- API SP
- MB 229.61
- BMW Longlife-12 FE
- Ford WSS-M2C950-A
- PSA B71 2290 / B71 2312
- Opel / Vauxhall OV0401547

TYPICAL PROPERTIES

Property	Test method	Unit	Typical value
Density at 15 °C	ASTM D4052	g/cm ³	0.846
Kinematic viscosity at 40 °C	ASTM D445	mm ² /s	55.2
Kinematic viscosity at 100 °C	ASTM D445	mm ² /s	10.1
Viscosity index	ASTM D2270	—	176
HTHS viscosity at 150 °C	ASTM D4683	mPa·s	≥ 3.5
Cold-craking viscosity at -35 °C	ASTM D5293	mPa·s	≤ 6,200
Flash point (COC)	ASTM D92	°C	230
Pour point	ASTM D97	°C	-48
Total base number	ASTM D2896	mg KOH/g	7.0
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-EX030-005

20 litre can

OBS-EX030-020

200 litre barrel

OBS-EX030-200

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.

