Technical data sheet

CONCEPT E-XL

SAE 0W/20

Synthetic high-performance low-friction motor oil

Description

MOTOREX CONCEPT E-XL SAE 0W/20 is a synthetic, high-performance, low-friction motor oil, which guarantees reliable wear protection and optimum friction behaviour across the entire temperature range. The pioneering Low-SAPS technology, in combination with unique low-friction properties, reduces fuel consumption and thus minimises pollutant emissions.

Advantages

- reduces fuel consumption and CO2 emissions
- extremely good cold-starting reliability
- high ageing and oxidation stability
- ideal for high-performance engines subject to high thermal stress
- suitable for CNG, LPG and hybrid vehicles
- Low-SAPS technology

Field of application

MOTOREX CONCEPT E-XL SAE 0W/20 is ideally suited to petrol and diesel engines as per the ACEA C5 specification and the SAE 0W/20 viscosity specification.

Notes

MOTOREX CONCEPT E-XL SAE 0W/20 can be mixed with all conventional motor oils of the same performance level. Oil and filters must be replaced in accordance with the manufacturer's specifications. BMW LONGLIFE-17 FE+ (backwards compatible BMW LONGLIFE-14 FE+); OPEL/VAUXHALL OV0401547 (ex GM DEXOS 2 GEN 2) for MAZDA Skyactiv-G/Skyactiv-X.

Specifications

ACEA C5-16; API SP; API SN PLUS-RC; ILSAC GF-6A; ILSAC GF-5; BMW Longlife-17 FE+; MB-Approval 229.71; OPEL/VAUXHALL OV0401547

Safety + Performance

VOLVO VCC RBS0-2AE; CHRYSLER MS 12145; FIAT 9.55535-DSX; FIAT 9.55535-GSX; FORD WSS-M2C947-B1; FORD WSS-M2C952-A1; JAGUAR LAND ROVER STJLR.03.5006; PSA B71 2010; MAZDA

Technical data

Properties	Unit	Test according to	Values
Colour			light brown
Density at 20 °C	g/cm³	ASTM D4052	0.845
Viscosity at 40 °C	mm²/s	DIN 51562-1	42.2
Viscosity at 100 °C	mm²/s	DIN 51562-1	8.3
Viscosity index		DIN ISO 2909	177
Viscosity according to HTHS at 150 °C	mPa·s	CEC-L-36 A-97	≥2.6
Pourpoint	°C	ASTM D5950	≤-48
Flash point C.O.C.	°C	DIN EN ISO 2592	≥200
CCS at	°C / mPa·s	ASTM D 5293	-35 / 5567
Sulphate residue content	%	DIN EN ISO 6245	0.8
NOACK	%	CEC L-40-A-93	11.0
TBN	mg KOH/g	DIN ISO 3771	7.9

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MOTOREX AG
Bern-Zürich-Strasse 31
CH-4901 Langenthal
Tel. +41 (0)62 919 75 75
info@motorex.com, www.motorex.com