VX1800 SAE 0W-20

100% synthetic P.A.O based fuel economy lubricant
Mid SAPS technology

USES

100 % synthetic PAO-based fuel economy lubricant for gasoline and diesel engines, included those equipped with a DPF (diesel particulate filter). Recommended for BMW engines where BMW Longlife 17 FE+ oil is required. Also recommended for Opel/Vauxhall (OV0401547 oil) and for Ford 1.0L and 1.5L EcoBoost gasoline engines, as well as for the 2.5L Duratec Hybrid (Ford M2C954-A1 oil).

Approvals: BMW Longlife-17 FE+; MB-Approval 229.72
Acknowledgements JLR.03.5006 and Ford M2C954-A1 (in progress)

Specifications: ACEA C6 and C5; API SQ,SP-RC, SN PLUS, SN-RC; ILSAC GF-7A; ILSAC GF-6a; Opel/Vauxhall OV0401547 (GM dexos D/ dexos2 Gen2/ GMW 18006); MB 229.71; Volvo VCC RBSO-2AE and VCC C6SP; Fiat 9.55535-DM1/ -DSX/ -GSX; Chrysler MS-12145; Ford WSS-M2C947-B1 / M2C962-A1.

MAIN PHYSICAL DATA

	Methods	Units	0W-20
Density at 20°C	ASTM D4052	kg/m^3	842
Kinematic viscosity at 40°C	ASTM D445	mm^2/s	42
Kinematic viscosity at 100°C	ASTM D445	mm^2/s	8.3
Viscosity index	ASTM D2270		178
Pour point	ASTM D97	°C	-51
Cleveland Open Cup Flash Point	ASTM D92	°C	222
Dynamic viscosity at -35°C	ASTM D5293	mPa·s	5700
HTHS viscosity (150°C)	CEC L-036-90	mPa·s	2.61
Sulphated ash	ASTM D874	% mass	0.7
Total Base Number (TBN)	ASTM D2896	mgKOH/g	7.8

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

► Low H.T.H.S viscosity (SAE 0W-20) provides quick oil flow, increases fuel economy, reduces CO_2 and exhaust gas emissions.
► Specific additives prevent the risk of L.S.P.I (low speed pre-ignition) in the last generation of gasoline direct injection engines.
►"Mid SAPS" technology extends the service life of diesel particulate filters (DPF) and catalytic converters.
► Good detergent/dispersant properties keep engines clean.
► Excellent shear stability ensures optimal engine protection at high temperatures.
► Immediate lubrication upon start-up, even at extremely low temperatures.

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Always consult the owner's manual to check the recommended viscosity grade and specifications for your vehicle.