



Product Data

EDGE 5W-40 U.S.

Strength for Maximum Performance

Description

Advances in engine technology have led to increased power and efficiency, meaning engines work harder and under higher pressures than ever before. The only thing keeping engine components apart is the oil, so it needs to be strong and remain strong. Castrol EDGE is our strongest and most advanced range of full synthetic motor oils. It provides superior motor oil strength and helps your vehicle maximize its performance.

Application

Formulated for approved and licensed European OEM specifications. Meets industry standards for API SN/CF and ACEA A3/B4. Meets BMW, MB, Porsche and VW specifications.

Advantages

Castrol EDGE provides superior motor oil strength for engines that work harder due to higher engine pressures, helping your vehicle maximize engine performance.

- * Reduces metal to metal contact across a range of different driving speeds.
- * Protects the engine for the entire drain interval as recommended by your owner's manual even under extreme pressure.
- * Decreases engine deposit formulation to help maximize engine response.

Typical Characteristics

Name	Method	Units	Typical Values
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Appearance	Visual	-	clear and bright
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.1
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	6100
Blend Flash PMCC	ASTM D93	°C	210
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	36000
Viscosity Index	ASTM D2270	None	174
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	84.2
Viscosity, HTHS 150C	ASTM D4683	cP	3.7
Noack Volatility	CEC L-40-A-93	% Loss	11
Pour Point	ASTM D97	°C	-45

Product Performance Claims

ACEA A3/B4
API SN/CF
BMW Longlife-01
MB-Approval 229.3
Porsche A40
VW 502 00 / 505 00

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