



EDGE Professional 5W-30

Strength for Maximum Performance

Description

Today's technology has allowed car manufacturers to produce smaller, yet more powerful and efficient engines with the aim to deliver increased fuel economy, reduce emissions and high performance. Downsizing, turbo charging and advanced engine designs like direct fuel injection and variable valve timing have now almost doubled engine pressures putting more stress on the oil. The oil is now operating under higher temperatures and having to withstand pressures in excess of 10 tons of pressure per square centimeter in areas like the cam and follower.

Application

Exceeds manufacturer's warranty requirements for applications requiring API SN (Resource Conserving) and ILSAC GF-5.

Approved for GM dexos1.

Advantages

Castrol EDGE Professional is our strongest and most advanced range of engine oils. Its TITANIUM FST™ doubles its film strength, preventing oil film breakdown and reducing friction.

Castrol EDGE Professional with TITANIUM FST™: helping your engine perform at its best.

Castrol EDGE Professional is now certified CO2 neutral according to the highest global standards. Engineered with micro-filtration in order to meet Castrol Professional's new quality standard.

For more information visit www.castrol.com/us or contact your Castrol Sales Representative at 1-888-castrol.

Typical Characteristics

Name	Method	Units	Typical values
Density @ 15C, Relative	ASTM D4052	g/ml	0.856
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	10.7
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	5700
Pour Point	ASTM D97	°C	-39
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	35000
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	62.64
Viscosity Index	ASTM D2270	None	159
Noack Volatility	ASTM D5800	% Loss	10.0
Viscosity, HTHS 150C	ASTM D4683	cP	3.04
Gelation Index	ASTM D5133	-	<6.0
Flash Point, PMCC	ASTM D93	°C	220

Product Performance Claims

ACEA A1/B1, A5/B5
 API SN
 ILSAC GF-5
 GM dexos1™ Gen 2

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