



EDGE Professional E 0W-20

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

Specially engineered for Jaguar and Land Rover vehicles.
See product performance claims for a complete list of approvals.

Advantages

Exclusively for new car dealerships, Castrol EDGE Professional is boosted with titanium FST doubles its film strength helping prevent oil film breakdown and reducing friction to help maximize engine performance. Castrol EDGE Professional is certified carbon neutral and micro-filtered to highest quality standards.

Endorsed and recommended by new car dealer partners including Audi, Bugatti, Jaguar, Land Rover, Mazda, Volkswagen, and Volvo.

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	0.8421
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	8.18
Viscosity, CCS -35C	ASTM D5293	mPa.s (cP)	4400
Viscosity, MRV / Yield Stress -40C (0W)	ASTM D4684	mPa.s (cP)	14000
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	42
Viscosity Index	ASTM D2270	None	170
Noack Volatility	CEC L-40-A-93	% Loss	11
Gelation Index	ASTM D5133	-	6.0
Viscosity, HTHS 150C	CEC L-36-90	cP	2.6
Pour Point	ASTM D97	°C	-54
Flash Point, PMCC	ASTM D93	°C	210
Viscosity, Kinematic 150 Deg C	ASTM D445	°C	3.5
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	2473
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	5900

Product Performance Claims

Jaguar Land Rover engine oil specification STJLR.51.5122

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