



Product Data

EDGE 5W-20

Stronger for Longer

Description

Today's engines are smaller, more powerful and under more pressure than ever before. To protect your engine and maintain performance from these severe internal conditions, you can trust Castrol EDGE to provide the optimal combination of sludge protection, wear protection and viscosity control.

Resistance to viscosity breakdown is the ultimate measure of strength for any motor oil. Castrol EDGE is one of Castrol's strongest oils and has been proven to be 3X stronger against viscosity breakdown than the leading full synthetic, protecting critical engine parts for an extended drain cycle of up to 20,000 miles between oil changes. In addition, Castrol EDGE has been engineered to withstand the intense friction of modern engines to provide 10X better high stress performance than the latest industry standard.

Application

Castrol EDGE 5W-20 is suitable for use in automotive gasoline engine and diesel vehicles where the manufacturer recommends API SP/ILSAC GF-6 or earlier specification 5W-20 lubricant.

Advantages

Castrol EDGE 5W-20 is the natural choice for drivers who demand maximum engine performance and unsurpassed engine protection.

- 3X stronger than the leading full synthetic*
- 10X better high stress performance**
- Protection for 20,000 miles between oil changes***

*Viscosity breakdown as measured in Kurt Orbahn test

**As measured in Sequence IX test under high load/torque conditions vs. API SP test limits

***Up to 20,000 miles or 1 year, whichever comes first

Typical Characteristics

Name	Method	Units	Castrol EDGE 5W-20
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	48
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	200
Density @ 15C, Relative	ASTM D1298	g/ml	0.85
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	8.4
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	4300
Viscosity Index	ASTM D2270	None	150
Ash, Sulphated	ASTM D874	% wt	0.68

Performance

API SP

ILSAC GF-6

Meets the engine testing requirements of Chrysler MS 6395

Meets Ford WSS-M2C945-A/ WSS-M2C945-B1/ WSS-M2C960-A1

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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