Product Data

Castrol EDGE 0W-8

Stronger for Longer

Description

Advances in engine technology have led to increased power and efficiency, meaning engines work harder, under more intense pressure and higher temperatures than ever before with longer drain intervals being recommended by vehicle manufacturers. These demanding conditions require the motor oil to be stronger and more resistant to thermal and viscosity breakdown to maintain protection and deliver maximum engine performance.
Castrol EDGE has been engineered to withstand the extreme friction of modern engines and provides 10X better high stress performance than the latest industry standard. Peak engine loads and high operating temperature can break down weaker lubricants, so viscosity control is the ultimate measure of strength for any motor oil. Castrol EDGE has been proven 3X stronger against breakdown than the leading full synthetic, so its shear stable and maintains its initial viscosity over an extended drain cycle of up to 10,000 miles.

Application

Castrol EDGE 0W-8 is intended for use in automotive gasoline and hybrid engines where the manufacturer recommends an API SQ, ILSAC GF-7 or earlier specification 0W-8 lubricant.

Advantages

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- Protection for 10,000 miles between oil changes×
- 3X Stronger than the leading full synthetic*
- 10X Better high stress performance**
- Also suitable for hybrid engines, including Toyota
- Ultra-low viscosity to improve fuel economy

×Up to 10,000 miles or 1 year, whichever comes first
*In viscosity breakdown as measured in Kurt Orbahn test on 5W-30 grade
**As measured in Sequence IX test vs. API SQ test limits

Typical Characteristics

Name	Method	Units	Castrol EDGE 0W-8
Density @ 15C, Relative	ASTM D4052	g/ml	0.836
Viscosity, Kinematic 100C	ASTM D445	mm^2/s	5.1
Viscosity, Kinematic 40C	ASTM D445	mm^2/s	23.5
Viscosity Index	ASTM D2270	None	155
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	2800
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	210
Ash, Sulphated	ASTM D874	% w t	0.8

Performance

API SQ
JASO GLV-1

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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