



Product Data

## Castrol EDGE 5W-20

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 20,000 miles.

### Application

Castrol EDGE 5W-20 is intended for use in automotive gasoline and diesel engines where the manufacturer recommends an API SQ, ILSAC GF-7 or earlier specification 5W-20 lubricant.

See "Performance Claims" for the full list of approved specifications.

### Advantages

- Protection for 20,000 miles between oil changes<sup>x</sup>
- 3X Stronger than the leading full synthetic<sup>\*</sup>
- 10X Better high stress performance<sup>\*\*</sup>
- Also suitable for hybrids (0W grades)
- Improves fuel economy (0W grades)

<sup>x</sup>Up to 25,000 miles or 1 year, whichever comes first

<sup>\*</sup>In viscosity breakdown as measured in Kurt Orbahn test on 5W-30 grade

<sup>\*\*</sup>As measured in Sequence IX test vs. API SQ test limits

## Typical Characteristics

Name	Method	Units	Castrol EDGE 5W-20
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /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 <sup>2</sup> /s	8.4
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	4300
Viscosity Index	ASTM D2270	None	150
Ash, Sulphated	ASTM D874	% w t	0.68

## Performance

API SQ ILSAC GF-7 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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