



Product Data

## EDGE 0W-20

UNLOCK THE VERY EDGE OF PERFORMANCE

### Description

With worldwide emissions regulations tightening there is a renewed challenge to produce more power whilst still improving engine efficiency. Never before has engine oil played such a key role to deliver performance.

Engines are complex, with many moving parts – movement that can waste useful fuel energy through inefficiency. With these losses, power can be impacted. The challenge is to maintain the high performance levels expected by drivers, whilst engine technology adapts to meet the demanding legislative limits.

Castrol EDGE is stronger under pressure and unlocks your engine's performance and efficiency. 100% of the Castrol EDGE range delivers more power with the same fuel\*

Castrol EDGE: unlock the very edge of performance.

*\* Greater power delivery for normalised fuel consumption relative to 5W-40 baseline, demonstrated by engine testing and modelled test data for 100% of the Castrol EDGE 2023 portfolio*

### Application

Castrol EDGE 0W-20 is suitable for petrol, diesel and hybrid cars and designed to meet the latest specifications required by modern engines where the vehicle manufacturer recommends a API SP, ILSAC GF-6, GM dexos1™ Gen 3 or earlier specification 0W-20 lubricant.

### Advantages

The Castrol EDGE range:

- Delivers more horsepower and greater acceleration to get you more metres ahead\*
- Demonstrates improved performance as a result of better fuel economy
- Stronger under pressure in today's modern engines
- Recommended for world-leading car manufacturers
- Suitable for use in hybrid cars (*for grades where hybrid application is applicable*)

*For PVs/formulation where it has been agreed that a core EDGE PV can deliver against HYSPEC:*

Castrol EDGE 0W-20 delivers against HYSPEC, Castrol's new hybrid performance standard\*\*

*\* demonstrated in Castrol engine testing relative to 5W-40 baseline, for more than 96% of the Castrol EDGE portfolio in volume in 2021*

*\*\* Across critical areas of contaminants, engine intermittency and system efficiency.*

## Typical Characteristics

Name	Method	Units	Castrol EDGE 0W-20
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	45
Pour Point	ASTM D97	°C	-42
Flash Point, PMCC	ASTM D93	°C	206
Density @ 15C, Relative	ASTM D4052	g/ml	0.846
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.5
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5900
Viscosity Index	ASTM D2270	None	169
Ash, Sulphated	ASTM D874	% wt	0.88

## Performance

API SP  
ILSAC GF-6  
GM dexos1™ Gen 3

## 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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