



## Castrol EDGE Bio-Synthetic 0W-20

Strength for Maximum Performance

### Description

Advances in engine technology have led to increased power and efficiency, meaning engines work harder and under higher pressures than ever before. The only thing keeping metal engine components apart is the oil, so it needs to be strong and remain strong.

Until now there hasn't been an oil that harnessed the natural lubricating properties of plants and the strength of Castrol EDGE. Our revolutionary Eco-Engineering combined with Fluid TITANIUM Technology means Castrol EDGE BIO-SYNTHETIC is both Titanium strong and renewable.

Castrol EDGE BIO-SYNTHETIC gives you the confidence to demand maximum engine performance from today's modern, sports, performance and luxury vehicles requiring a high level of protection.

### Application

Exceeds manufacturer's warranty requirements for applications requiring API SN PLUS, API SN and ILSAC GF-5.

Provides superior protection in gasoline direct injection engines (including but not limited to **GDI, FSI, SIDI, Eco Boost** – check your owner's manual for details).

Formulated with 25% renewable plant base oil

### Advantages

Castrol EDGE BIO-SYNTHETIC:

- Is manufactured with 25% sugarcane derived oil compounds meaning more use of renewable sources.
- Maximizes short and long term engine performance
- Reduces engine deposits to help maximise engine response
- Delivers complete protection across a variety of engine speeds, conditions and temperatures
- Sustains maximum performance even when under pressure

Pioneering with plants to push the boundaries of performance

## Typical Characteristics

Name	Method	Units	Castrol EDGE Bio-Synthetic 0W-20
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	7.9
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5200
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	43
Pour Point	ASTM D97	°C	-48
Ash, Sulphated	ASTM D874	% wt	0.78

## Product Performance Claims

API SN PLUS  
ILSAC GF-5

## 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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