



Product Data

## Castrol EDGE 5W-30 M

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. It unlocks your engine's performance and efficiency to deliver more power with the same fuel.\*

Castrol EDGE: unlock the very edge of performance.

*\* Greater power delivery for same amount of fuel used compared to 5W-40 baseline, demonstrated by engine testing for more than 80% of the Castrol EDGE portfolio in global sales volume in 2021.*

### Application

Castrol EDGE 5W-30 M is suitable for petrol, diesel and hybrid cars and designed to meet the latest specifications required by modern engines where the vehicle manufacturer recommends an ACEA C3, API SN Plus or earlier specification 5W-30 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

*\*demonstrated in Castrol engine testing relative to 5W-40 baseline, for more than 80% of the Castrol EDGE portfolio in volume in 2021.*

## Typical Characteristics

| Name                      | Method     | Units              | Castrol EDGE 5W-30 M |
|---------------------------|------------|--------------------|----------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.8510               |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 12.0                 |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 68                   |
| Viscosity Index           | ASTM D2270 | None               | 173                  |
| Viscosity, CCS -30C (5W)  | ASTM D5293 | mPa.s (cP)         | 5800                 |
| Pour Point                | ASTM D97   | °C                 | -39                  |
| Flash Point, PMCC         | ASTM D93   | °C                 | 228                  |
| Ash, Sulphated            | ASTM D874  | % w t              | 0.8                  |

## Product Performance Claims

ACEA C3

API SN PLUS

BMW Longlife-04

MB-Approval 229.31/ 229.51/ 229.52

## 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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