



## Product Data Sheet

# Castrol EDGE 0W-30

Fluid TITANIUM - Stronger Under Pressure

## Description

Today's engines continually push the boundaries of technology and engineering. They are smaller and ultra-efficient, without sacrificing performance. Advanced engines challenge the oil with increased pressures. These intense pressures cause friction, which can waste up to 10% of an engine's performance.

Castrol EDGE with patented Fluid TITANIUM transforms its physical structure to be stronger under pressure to keep metal apart and reduces friction for maximum engine performance when you need it most.

Castrol EDGE with Fluid TITANIUM: unlock the true performance of your engine

## Application

Castrol EDGE 0W-30 is suitable for use in automotive gasoline and diesel vehicles where the manufacturer recommends API SP, ACEA C3 0W-30 lubricant.

Please refer to your owners handbook.

## Advantages

Castrol EDGE W-30 with Fluid TITANIUM is the natural choice for drivers who demand maximum engine performance from today's modern vehicles requiring a high level of protection and higher performance oils.

Castrol EDGE 0W-30:

- Transforms to be strongest when the pressure is highest, protecting your engine
- Reduces power-robbing friction across engine speeds and conditions
- Independently tested at the highest standards for proven performance
- Recommended by world-leading car manufacturers
- Protects the engine for the entire drain interval even under extreme pressure
- Delivers high levels of fuel efficiency and low temperature performance

## Typical Characteristics

| Name                      | Method     | Units              | Castrol EDGE 0W-30 |
|---------------------------|------------|--------------------|--------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.843              |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 12.3               |
| Viscosity, CCS -35C (0W)  | ASTM D5293 | mPa.s (cP)         | 5954               |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 68                 |
| Viscosity Index           | ASTM D2270 | None               | 182                |
| Pour Point                | ASTM D97   | °C                 | -45                |
| Flash Point, PMCC         | ASTM D93   | °C                 | 201                |
| Ash, Sulphated            | ASTM D874  | % wt               | 0.8                |

## Product Performance Claims

ACEA C3  
API SP  
BMW Longlife-04  
BMW Longlife-19FE  
MB-Approval 229.31/ 229.51  
Opel OV0401547  
Renault RN 0700 / RN 0710

## 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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