



Product Data

Castrol EDGE 5W-40 A3/B4

UNLOCK THE VERY EDGE OF PERFORMANCE

Description

The engine is the heart of the car. Over the past decade, groundbreaking advances in engine technology have boosted performance and efficiency, but we are no longer seeing big step changes in design. Now, with tougher regulations and more demanding specifications, the focus has shifted to engine oils as a critical area where advances can be made.

The challenge is to deliver the best performance for drivers, who still expect peak performance from their cars, while manufacturers navigate increasingly stringent legislative limits.

Castrol has identified 7 critical factors where engine oil impacts performance—and has proven that Castrol EDGE delivers ultimate performance against these.

Castrol EDGE is data engineered to surpass the latest industry and OEM specifications to deliver ultimate performance in 7 critical factors*:

Pressure, Power, Endurance, Fuel Economy, High Temperature Performance, Cleanliness and Wear.

For more, visit castrol.com/global-edge

**Across the Castrol engine oils portfolio only Castrol EDGE demonstrates ultimate performance by surpassing OEM & Industry specification limits covering 7 critical factors of: Pressure, Power, Endurance, Fuel Economy, High Temp performance, Cleanliness and Wear (> 80% of Castrol EDGE products based on global 2024 portfolio volume sales).*

Application

Castrol EDGE 5W-40 A3/B4 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 A3/B4, API SP or earlier specification 5W-40 lubricant.

Advantages

The Castrol EDGE range:

- Delivers ultimate performance in 7 critical factors* of Pressure, Power, Endurance, Fuel Economy, High Temperature Performance, Cleanliness and Wear
- Data engineered, motorsport inspired and OEM approved
- Designed for latest engine technology
- Recommended for world-leading car manufacturers
- Suitable for use in hybrid cars

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Typical Characteristics

| Name | Method | Units | Castrol EDGE 5W-40 A3/B4 |
|---------------------------|------------|--------------------|--------------------------|
| Density @ 15C, Relative | ASTM D4052 | g/ml | 0.852 |
| Viscosity, Kinematic 100C | ASTM D445 | mm ² /s | 13.4 |
| Viscosity, Kinematic 40C | ASTM D445 | mm ² /s | 81 |
| Viscosity Index | ASTM D2270 | None | 170 |
| Viscosity, CCS -30C (5W) | ASTM D5293 | mPa.s (cP) | 5650 |
| Pour Point | ASTM D97 | °C | -42 |
| Flash Point, PMCC | ASTM D93 | °C | 210 |
| Ash, Sulphated | ASTM D874 | % wt | 1.2 |

Performance

ACEA A3/B4

API SP

BMW Longlife-01, MB-Approval 229.3, VW 502 00 / 505 00

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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