

Product data

Edge Sport 5W-30

Product Description

Castrol Edge Sport 5W-30 is an advanced synthetic SAE 5W-30 high performance motor oil. It combines outstanding low temperature fluidity and high load protection.

Castrol Edge Sport 5W-30 has been specifically formulated for highly tuned four cylinder engines and the latest technology engines requiring a 5W-30 viscosity.

Castrol Edge Sport 5W-30 offers excellent cold start-up wear protection while maintaining excellent high temperature wear protection. It has been developed to provide enhanced fuel efficiency and good oil consumption control in modern petrol engines designed to operate on lower viscosity oils.

Product Application

Castrol Edge Sport 5W-30 is recommended for virtually all modern, technically advanced, petrol and diesel passenger car or light commercial engines. Specially suited where lower viscosity oil is recommended. Castrol's controlled phosphorus and low chlorine additive technology helps maintain catalyst performance and reduce low-term impact on the environment. **Castrol Edge Sport 5W-30** suits modern engines from Europe, USA, Japan or Korea, either turbo-charged or naturally aspirated.

Product Features & Benefits

- Provides excellent start-up performance and engine efficiency, particularly for vehicles used in city and suburban driving conditions. Excellent wear protection maintained at high temperatures.
- Meets the published specification requirements of Australian, European and Japanese manufacturers.

- Can be used both current and superseded petrol engines and diesel engines in cars and light commercial vehicles that require lower viscosity oil.
- Complies with the Australian motor industry agreed limits on phosphorus content.
- Catalyst and oxygen sensor compatible. Engine emissions are minimized and catalyst performance maintained.
- Excellent thermal and oxidation stability.
- Maintains excellent cleanliness in turbochargers and minimal deposits.
- Low volatility.
- Helps reduce oil consumption and engine deposits at high temperature.
- High reserve of protection.
- Ensures excellent engine cleanliness and wear protection for vehicles in suburban and operation.
- Excellent engine cleanliness.
- Maintains new engine performance and improves long term durability.
- Compatible with normal mineral oils.
- May be topped up or mixed with normal mineral oils. Note: Use of conventional oils for top up will reduce the performance of **Castrol Edge Sport 5W-30**.
- Excellent compatibility with a wide range of seal materials.
- Ensures the important engine seals stay soft and pliable to minimize oil leakage.
- Very good low temperature flow characteristics.

- Circulates rapidly within the engine to minimize cold start up wear. Improves low temperature engine efficiency over conventional SAE 15W-40 and 20W-50 mineral oils.
- Meets the latest European diesel passenger car and light commercial engines requirements: naturally aspirated or turbocharged, indirect or direct injection.
- Excellent soot thickening control and suitable for virtually all diesel passenger car, light commercial and 4WD vehicles sold in Australia.
- Excellent diesel performance and low temperature fluidity.
- Suitable for the latest 4WD and light commercial diesel engines fitted with "HEUI" fuel injection systems.

Market Applications

Below are some of the applications where **Castrol Edge Sport 5W-30** is recommended:

Ford: Falcon AU, AU11, BA, specially for XR6 and XR8 Mondeo HA, HB, HC (2.0L).Taurus DN, DP (3.0L).Festiva WB, WF Transit (Petrol) VF, VG. Explorer UN, UP (OHV & SOHC).

Honda: Civic, Accord, Integra, Prelude, S2000.

Subaru: WRX, Liberty (turbo models)Forrester GT, all Impreza and Liberty models 1998 onwards.

Mercedes- Benz: All models (except where 229.5 is required).

Nissan: Pulsar, Pintara 1991 onwards, Micra..

Chrysler Jeep: Wrangler, Cherokee (petrol only), Grand Cherokee Voyager & Grand Voyager.

Market Applications ... continued

Holden: Suburban, Jackaroo Diesel, Commodore 'Alloytec' V6 & Barina..

Suzuki: Swift GTi.

Rover: TD5 engines in Discovery and Defender.

Mazda: 323, 3, 6, MX-5.

Mitsubishi: Magna, Lancer & Mirage.

Nissan: 200SX, 350Z.

Toyota: Corolla 1995 onwards & Celica 1999 onwards.

Typical Characteristics

SAE Viscosity Grade	KV @ 100° C (cSt)	KV @ 40° C (cSt)	cP @ -25° C max	Viscosity Index	Pour Point °C	API/ACEA Service Rating
5W-30	12.0	71.4	6300	165	-38	SM/CF A3/B3/B4

Performance Levels

Castrol Edge Sport 5W-30 is recommended where the following current and superseded specification of performance levels are cited:

- American Petroleum Institute (API) Service Classification:
Petrol: SM (SL, SJ and superseded classifications)
Diesel: CF

Performance Levels ... continued

- Association des Constructeurs Européens d'Automobiles (ACEA):
Passenger and Light Commercial Vehicles -
Petrol: A3*
Diesel: B3*, B4* (recommended for diesel, including turbocharged engines in passenger cars and light commercial vehicles)
- May also be used where ACEA A1, A2, B1 or B2 are recommended

Motor Manufacturers:

BMW: Longlife Oil 98

Ford: M2C-153D, M2C-153E

GM: 6094M SG/CC/CD (6085-superseeded)

Mercedes- Benz: 229.1, 229.3

VW: 502 00/505 00

Health, Safety and the Environment

Castrol Edge Sport 5W-30 is considered non-hazardous according to Worksafe. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

Spillage

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Small: | Soak up using an inert mineral adsorbent such as Castrol Diatomaceous Earth and dispose of in the appropriate manner. |
| Large: | Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential. |

Disposal: Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

Product Removal

Bare Metal Surfaces: Remove with Castrol solvent cleaners or water based degreasers.

Hand Cleaning: Use any of the Castrol range of hand cleaners, e.g. CareClean Plus.

Other Surfaces: Contact your local Special Products Division in each State Office.

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