

PRODUCT DATA

Castrol Enduron Low SAPS

PRODUCT DESCRIPTION

Castrol Enduron Low SAPS is an SAE 10W-40 synthetic technology high performance diesel engine oil for use in the latest technology low emission Euro IV heavy-duty diesel engines.

Castrol Enduron Low SAPS is ideal for truck, bus and coach operators looking for substantial long-term cost savings in running the fleet, particularly in extended oil drain applications. The advanced formulation of Castrol Enduron Low SAPS replaces Castrol Enduron Euro 4.

*Low SAPS lubricants are formulated with lower levels of Sulphated Ash, Phosphorus and Sulphur than conventional oils, to ensure compatibility with the latest technology in emission reduction systems.

APPLICATIONS

Castrol Enduron Low SAPS primary application is for the latest Euro IV European trucks and buses, especially for those requiring a low SAPS lubricant. Castrol Enduron Low SAPS is recommended for DAF, Deutz, Iveco, MAN, Mercedes-Benz, Renault, Scania and Volvo Euro IV engines.

Castrol Enduron Low SAPS may be used in older trucks and buses and in off road equipment that require this performance. It is also suitable for use in large Japanese direct injection diesel engines such as Hino, Isuzu, Mitsubishi and UD. However the prime recommendation for most Japanese engines is Castrol Tecton HD.

PRODUCT FEATURES & BENEFITS

- New and old engine design suitability through proven performance with low (0.05%), and medium (0.5%) sulphur fuels.
- Superior wear protection, bore polish control and maintenance of cleanliness ensure maximum engine durability and truck availability.
- SAE 10W-40 viscosity ensures rapid oil circulation at start-up to maximize wear protection for critical components such as the valve train, turbocharger and bearings.
- Extended oil drain capabilities with excellent shear stability properties to ensure maximum protection throughout the oil drain interval.
- Unique synthetic base oils and advanced additive technology exceeds the latest OEM specifications making Castrol Enduron Low SAPS suitable for all European and some Japanese direct injection commercial vehicles.
- **Castrol Enduron Low SAPS** maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emission legislation.

TYPICAL CHARACTERISTICS

SAE Grade	KV @ 100 °C (cSt)	KV @ 40°C (cSt)	cP @ -25°C (cP)	Pour Point (°C)	Sulfated Ash % Mass	TBN mg KOH/g
10w-40	12.9	85.9	6700	-39	1.0%	12.4

Castrol Enduron Low SAPS meets the following specifications:

- **European ACEA -**

E4, E6, E7

- **Motor Manufacturers -**

Mercedes Benz - MB228.5, 228.51

Volvo - VDS-3

Renault - RXD, RLD-2

DAF - Meets extended drain requirements

MAN - 3277 for CRT™, M3477

HEALTH, SAFETY & ENVIRONMENT

Castrol Enduron Low SAPS 10W-40 is considered non-hazardous in accordance with HSNO regulations. 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

Small: Soak up using an inert mineral adsorbent such as Castrol MOP S 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 the Castrol Technical Advice Line on 0800 10 40 60.

Although all reasonable care has been taken to ensure that the information contained in this publication is accurate as at the time of printing, such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing it: the blend formulation, methods of storage, or due to the improper handling or application of any of the products referred to, or in the requirements of any specification or approval relating to any of the products.

For more information contact: Castrol NZ (A Business Division of BP Oil New Zealand Limited)

Technical Advice Line: 0800 10 40 60

Customer Service: 0800 CASTROL (227 876)

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