



Tection Global 15W-40

Protection for mixed fleets with latest European, US and Japanese diesel engines.

Applications

Castrol Tection Global is a 15W-40 mixed fleet diesel engine oil designed to provide excellent protection for fleets containing vehicles from a variety of manufacturers. Its primary application is in Euro IV* and Euro III European technology vehicles, in US technology vehicles and in Japanese technology vehicles. Castrol Tection Global is a truly versatile product which can be used in trucks, buses, LCVs, off-road vehicles and equipment and also in agricultural vehicles.

* Not for use in Euro IV vehicles requiring low SAPS lubricants. For this application we recommend Castrol Enduron Low SAPS.

Features / Benefits

Castrol Tection Global provides excellent protection for a wide variety of engine makes, so is the first choice for on and off-road fleets which contain different vehicles types.

User benefits include:

- Excellent protection for European, US and Japanese technology engines. Tection Global's versatile formulation provides protection against wear and deposits, ensuring reduced maintenance costs and preventing unscheduled downtime.
 - Reduced inventory, Tection Global is so versatile, mixed fleets need to stock only one engine oil.
 - Extended oil drain intervals. Tection Global is approved by OEMs for use at extended drain intervals, so reducing downtime and servicing costs.
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Specifications / Performance

SAE 15W-40
ACEA E7 / E5 / E3
API CI-4 / CF
Mercedes Benz 228.3
MAN M3275
Volvo VDS-3
RVI RLD, RVI RLD-2
Caterpillar ECF-2
Cummins CES 20071, 72, 76, 77, 78
Mack EO-M Plus
DHD-1
Meets DAF requirements

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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Castrol (UK) Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local Castrol office.

Typical Characteristics

Test Methods	Units	Value:
		SAE 15W-40

Relative Density at 15°C	ISO 3675 / ASTM D1298	g/cm ³	0.885
Viscosity at 40°C	ISO 3104 / ASTM D445	mm ² /s	106
Viscosity at 100°C	ISO 3104 / ASTM D445	mm ² /s	14.4
Viscosity Index	ISO 2909 / ASTM D2270	-	139
CCS -20°C	ASTM D5293	mPa.s	6500
Total Base Number	ASTM D2896	mgKOH/g	10.5
Flash Point (COC)	ISO 2592 / ASTM D92	°C	224
Pour Point	ISO 3016 / ASTM D97	°C	-39
Sulphated Ash	ISO 3687 / ASTM D874	%m	1.36

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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