

Castrol RX Super 15W-40

For long and healthy engine life

Description

Castrol RX Super 15W-40 is a medium ash SAE 15W-40 multigrade diesel engine oil specially formulated to meet the needs of most American heavy duty diesel engines without DPF/DPD exhaust after-treatment devices. It is also suitable for many mixed fleet operations (see details below).

Castrol RX Super 15W-40 exceeds the requirements of the American Petroleum Institute (API) CI-4 Plus diesel specification and provides excellent soot handling, oil consumption control and engine wear benefits.

Application

Diesel Engines – turbocharged and naturally aspirated.

American	Japanese	European
For most models without DPF/DPD exhaust after-treatment devices*. Caterpillar Cummins Detroit (4-cycle) Mack	For many models without DPF/DPD exhaust after-treatment devices*, including: Daihatsu Hino Isuzu Mitsubishi (Fuso) Nissan Mazda Toyota UD (Nissan)	Suitable for many models without DPF/DPD exhaust after-treatment devices*, including: Iveco MAN Mercedes Benz Scania Volvo

* For emissions controlled engines with diesel particulate filters, the Castrol Vecton range is recommended.

Also suitable for diesel 4WD and light commercial vehicles, particularly indirect injection engines.

Petrol Engines – using all types of fuel (unleaded, LRP, LPG & CNG).

Advantages

Product Feature	Operational Advantage	Customer Benefit
• Superior viscosity stability.	• Oil can handle more soot without excessive thickening.	• Guaranteed field performance.
• Improved soot related wear protection.	• Better protection of fine tolerance components.	• Extra margin of safety against soot related wear.
• Exceptional piston deposit control.	• Reduced possibility of bore polishing.	• Increased engine durability.
• High shear stable polymer (VI improver).	• Maintains new viscosity throughout service interval – “stay in grade” performance.	• Minimises oil consumption.
• Suitable for many diesel and petrol engines.	• Strong mixed fleet performance.	• Improved engine protection, extended engine life.
	•	• Single oil, reduced inventory and reduced risk of wrong oil being used.

Typical Characteristics

Test	Method	Unit	Typical Characteristic
SAE Viscosity Grade		-	15W-40
KV @40 °C	ASTM D445	cSt	125
KV @100 °C	ASTM D445	cSt	15.9
CCS @-20 °C	ASTM 5293	cP	6700
Viscosity Index	ASTM D2270		135
Pour Point	ASTM D97	°C	-33
Flash Point (COC)	ASTM D92	°C	210
Sulphated Ash	ASTM D874	% Mass	1.39
Total Base Number	ASTM D2896	mg/KOH/g	10.9

The above data is typical and does not constitute a specification.

Performance Levels

Castrol RX Super 15W-40 is recommended where these current or superseded specifications or performance levels are cited:

API:	Diesel/Petrol Rating CI-4 Plus/SL (can also be used where API CI-4, CH-4, CG-4, CF-4, CE and CD are recommended).
ACEA:	E7
Caterpillar:	ECF-2
Cummins:	CES 20078
Mack:	EO-N Premium Plus 03
JASO	DH-1
Volvo:	VDS-3
Detroit Diesel:	DDC Power Guard 93K214

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.

07/10/2013

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