



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).

Note: As with all API CI-4 and CI-4 Plus qualified engine oils, the phosphorous content does not comply with Australian Motor Industry agreed limits for catalytic converter equipped petrol engines. The higher phosphorous content may reduce efficiency and/or effective life of catalytic converters.

For technical assistance on engine makes not shown or mixed fleet operations, contact the Castrol Technical Helpline 1300 557 998 or go to www.castrol.com.au and click on Lube Guide.

Advantages

Product Feature	Operational Advantage	Customer Benefit
<ul style="list-style-type: none"> • Formulation based on 30 years of field experience in Australia 	<ul style="list-style-type: none"> • Formulation tailored to cope with harsh Australian conditions. 	<ul style="list-style-type: none"> • Guaranteed field performance.
<ul style="list-style-type: none"> • Superior viscosity stability. 	<ul style="list-style-type: none"> • Oil can handle more soot without excessive thickening. 	<ul style="list-style-type: none"> • Extra margin of safety against soot related wear.
<ul style="list-style-type: none"> • Improved soot related wear protection. 	<ul style="list-style-type: none"> • Better protection of fine tolerance components. 	<ul style="list-style-type: none"> • Increased engine durability.
<ul style="list-style-type: none"> • Exceptional piston deposit control. 	<ul style="list-style-type: none"> • Reduced possibility of bore polishing. 	<ul style="list-style-type: none"> • Minimises oil consumption.
<ul style="list-style-type: none"> • High shear stable polymer (VI improver). 	<ul style="list-style-type: none"> • Maintains new viscosity throughout service interval – “stay in grade” performance. 	<ul style="list-style-type: none"> • Improved engine protection, extended engine life.
<ul style="list-style-type: none"> • Suitable for many diesel and petrol engines. 	<ul style="list-style-type: none"> • Strong mixed fleet performance. 	<ul style="list-style-type: none"> • 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.

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 Technical Advice Line on 1300 557 998.

Castrol RX Super 15W-40
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