



## 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](http://www.castrol.com.au) and click on Lube Guide.

## Advantages

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

## 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:

<b>API:</b>	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).
<b>ACEA:</b>	E7
<b>Caterpillar:</b>	ECF-2
<b>Cummins:</b>	CES 20078
<b>Mack:</b>	EO-N Premium Plus 03
<b>JASO</b>	DH-1
<b>Volvo:</b>	VDS-3
<b>Detroit Diesel:</b>	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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