



## Railroad Engine Oil 40

Premium Conventional Railroad Engine Oil

### Description

Castrol Railroad Engine Oil 40 is a premium quality, LMOA Generation 7 railroad diesel engine oil. It is designed for use in GE and EMD Tier 4-compliant locomotives utilizing ULSD and operating under severe conditions. It features low oil consumption and reduced emissions and can be used in a wide variety of older model applications.

### Advantages

Castrol Railroad Engine Oil 40 has a specific combination of dispersant additives and inhibitors that enables minimal levels of oil oxidation and thickening in severe service. Its Zinc content is less than 10 ppm which provides silver wrist pin bushing protection and its sustained alkalinity provides extra protection against corrosive wear and oxidation, ensuring long component life.

Castrol Railroad Engine Oil 40 delivers:

- Advanced detergent and dispersant technology
- Corrosive wear control for longer equipment life
- Excellent alkalinity (BN) retention
- Helps lower locomotive engine maintenance costs

### Warranty and Protection Requirements

- Exceeds manufacturers' warranty requirements for applications requiring a zinc-free railroad diesel engine oil

## Typical Characteristics

Name	Method	Units	Castrol RREO 40
API Gravity @ 60°F/15.6°C	ASTM D4052		27.6
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	14.7
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	141
Viscosity Index	ASTM D2270	None	102
Pour Point	ASTM D5949	°C	-15
Flash Point, COC	ASTM D92	°F	450
Total Base Number, TBN	ASTM D2896	mg KOH/g	11
Ash, Sulphated	ASTM D874	% wt	1.15
Zinc (max)	Method 16	ppm	10

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly. Health and Safety Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at [www.castrol.com/us](http://www.castrol.com/us). This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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