



## MOBIL RR SUPER 2409

Mobil Commercial Vehicle Lube , India

Railroad Crankcase Oils

### Product Description

Mobil RR Super 2409 is a high performing heavy-duty crankcase lubricant for locomotive diesel engines. This product is designed to meet the severe service demands imposed by the latest railroad diesel locomotive engines. An Electro-Motive Diesel (EMD) and General Electric (GE) endorsed additive system provides outstanding engine protection, oil consumption control and extended oil drain interval capability.

### Features and Benefits

- Zinc Free - Excellent Silver Bearing Lubricity
- Excellent Oxidation, Sludge-Soot Handling and Viscosity Control
- Outstanding Deposit, Corrosion and Wear Control
- Formulated for use with low sulfur and ultra-low sulfur diesel fuels
- Extended oil drain intervals and high locomotive utilization rates

### Applications

Mobil RR Super 2409 is formulated to an LMOA Generation 6 quality level with an engine manufacturer endorsed additive package. They meet the requirements of for all EMD and General Electric diesel locomotives.

### Specifications and Approvals

#### This product has the following approvals:

EMD Domestic Common Additive Approach (recognition ltr on file)

GE LMOA Gen 6 - Fundamental Approval (letter on file)

### Properties and Specifications

Property	
Grade	SAE 20W-40
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	145
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	16
Viscosity Index, ASTM D2270	116
Flash Point, °C, ASTM D92	244
Pour Point, °C, ASTM D97	-33
Total Base Number, mgKOH/g, ASTM D2896	9.5
Ash, Sulfated, mass%, ASTM D874	1

Property	
Zinc, mg/kg, ASTM D5185	<10

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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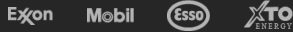
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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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