



Railroad Diesel 40W

Railroad Diesel Engine Oil LM9

Railroad Diesel 40W is a TBN 9-10, ashless-dispersant, “next generation” non-chlorinated engine oil. Classified as Generation 5 railroad diesel engine oil, it is designed specifically for large diesel engines operating in marine, railroad and power generating services. It contains non-zinc high performance additive system that effectively protects engine components from wear in severe services, prevents the formation of sludge, varnish and carbon deposits, and extends oil drain intervals.

Railroad Diesel 40W is approved by Electromotive Division of General Motors Corporation (EMD), General Electric, Bombardier, Fairbanks Morse and other medium speed engines requiring a zinc-free, high performance diesel engine oil. This product has proven to provide excellent service in heavy-duty diesel engines operating with low and high sulfur diesel fuel.

Product Features:

- Non-Zinc High Performance Additive
- Ashless Dispersant

Customer Benefits:

- Prevents the formation of sludge
- Reduces carbon deposits
- Extends engine life

Applications:

- Recommended and designed for large diesel engines

Specifications and Approvals	Royal Railroad Diesel Engine Oil LM 9
Generation 5 RRDEO	✓
Electromotive Division of GM corp. (EMD)	✓
General Electric	✓



Typical Properties

Railroad Diesel 40W			
Product Number	125	125LM9	Test Method
SAE Grade	40	20W40	-
API	29.39	28.85	-
Flash Point@°C	260	240	ASTM D445
Pour Point@°C	-18	-24	ASTM D97
ASTM Color	<3.5	<3.5	ASTM D1500
Viscosity@40°C, cSt	140	138	ASTM D445
Viscosity@100°C, cSt	14.8	15.2	ASTM D445
Viscosity Index (VI)	118	122	-
Sulfated Ash, %wt.	< 1.0	< 1.0	-
Base Number	9.35	9.5	ASTM D2896

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website.

www.royalmfg.com or call (918)-584-2671.

Packaging options:



55 Gal. Drums



275/300 Gal Totes



>2,000 Gal. Bulk