



RR Oil 4130

Zinc-Free Medium Speed Railroad Diesel Engine Oil

Features & benefits

- Non-chlorinated
- Non-zinc formulation to protect silver plated bearings
- Minimizes deposits, corrosion and wear in all parts of the engine
- TBN of 13



Specifications

✓ Meets requirements

Specification/manufacturers	RR 4130 SAE 40
API CF/CF-2	✓
LMOA Generation V	✓
GE Gen 4 LL	✓
EMD	✓
ALCO	✓

Typical results

Test Method	RR 4130 SAE 40
SAE GRADE	40
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	152.7 15.1
VISCOSITY INDEX (D2270)	99
DENSITY @ 15°C (D4052), kg/L	0.90
POUR POINT (D97), °C	-24
FLASH POINT (D93), °C	218
TOTAL BASE NUMBER (D2896), mgKOH/g	13
ZINC (D4951), ppm	<10

RR 4130 is formulated to satisfy the strict lubricant requirements of medium-speed, high-output diesel engines, typically found in the locomotive, inland marine and stationary engine applications. These include late model EMD and GE Gen 4 LL engines.

RR 4130 non-zinc chemistry forms a protective barrier on engine components reducing wear for extended component durability and wear protection of sensitive silver-plated bearings and yellow metals.

RR 4130 enhanced TBN retention maximizes oil drain intervals for reduced maintenance expense.

Sizes & order codes

Size	RR 4130 SAE 40
205L / 54.2 US gal	F0033650
1000L / 264 US Gal Bulk Tote	F0111601
Bulk	B0033601

Always consult your owner's manual for verification of fluid type and grade.
Check with sales associate for the latest product approvals and acceptable performance data.
Please note these are typical performance indicators and can change without notice.
This data sheet replaces previous versions prior to July 4, 2025.
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