



Railroad Engine Oil 40

Product Code:76250

Diesel Locomotive Engine Oil

Railroad Engine Oil 40 is a high performance, zinc-free and chlorine-free oil specially designed to provide excellent engine cleanliness and oil filter life in the modern railroad diesel locomotive engines.

Railroad Engine Oil 40 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Exceptional detergency and dispersancy provides excellent engine cleanliness, especially engine top decks.
- Excellent retention of TBN facilitates extended drain intervals.
- High thermo-oxidative.
- Zinc-free formulation protects silver bearings against corrosion.
- Non-chlorinated additive package helps in reducing used oil disposal costs.

Railroad Engine Oil 40 exceeds the following performance criteria:

LMOA Gen 7
 Wabtec (formerly GE) Tier 4 engines
 Progress Rail (formerly EMD) Tier 4 engines

Typical Analysis

| Properties | Unit | Method | Typical Value |
|-----------------------|--------------------|------------|---------------|
| SAE Grade | | SAE J 300 | 40 |
| Density @15°C | kg/m ³ | ASTM D4052 | 877 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 139 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 15.0 |
| Viscosity Index | | ASTM D2270 | 109 |
| Flash Point COC | °C | ASTM D92 | >200 |
| Pour Point | °C | ASTM D7346 | -24 |
| Total Base Number | mgKOH/g | ASTM D2896 | 10.5 |
| Sulphated Ash | %Wt | ASTM D874 | 1.1 |

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