



ENVIROLUBE

Locomotive Engine Oil

RR 20W-40

Application

EnviroLube RR 20W-40 is a premium quality, high ash railroad diesel engine oil that is formulated with double refined base stocks. EnviroLube RR 20W-40 will meet the severe service demands of today's railroad diesel locomotive engines.

EnviroLube RR 20W-40 meets the Generation 4 Long Life requirements of EMD (the Electro-Motive Division of General Motors) and the LMOA Generation 5 requirements and those of General Electric (G.E.) and engine requirements as defined by API CF/CF-2.

Features

EnviroLube uses double refined base oils and the latest in additive technology to provide superior thermal stability, excellent engine cleanliness, extended filter life and resistance to corrosive wear, even when subject to extended service intervals in high output engines.

Benefits

- ✓ Double refined base oil technology for extended product life, maximising your investment and allowing long drain intervals in accordance with engine manufacturers recommendations
- ✓ High thermal stability for severe duty and turbo-charged engines.
- ✓ Alkaline reserve to protect against acid attack from high-sulphur distillate fuels
- ✓ Backwards compatible with older specifications
- ✓ Reduced Oil consumption compared to Gen IV oils
- ✓ Better fuel economy compared to monograde oils
- ✓ Zinc and chlorine free to protect silver wrist pin bushings
- ✓ Manufactured in an ISO 9002 certified facility to ensure strict quality control and best practice production methods.
- ✓ Double refined base oils conserve vital petroleum resource

| Intended for medium speed diesel engines |

**Locomotive Engine Oil****RR 20W-40****Safety**

Your safety is important to EnviroOil. This material is classified as non-hazardous according to Worksafe Australia. However, it is recommended that the handling instructions in the Material Safety Data Sheet be followed to avoid risk of injury or irritation from exposure.

Specifications

EnviroLube RR 20W-40 is recommended where the LMOA Gen III, IV or V performance levels are specified

Typical Characteristics

Characteristic	Method	Units	Typical Value	Benefit
Viscosity Grade	SAE		20W-40	
Density @ 15.6C	IP160	g/cm ³	0.891	
Viscosity at 100°C	ASTM D445	cSt	15	
Viscosity at 40°C	ASTM D445	cSt	120	
Viscosity Index	ASTM D2270		129	
Sulphated Ash	ASTM D84	%wt	1.99	
TBN	ASTM D2896	mgKOH/g	17	

Values provided are typical and do not constitute a specification