



RAILROAD DIESEL ENGINE OIL

ECOPOWER® Railroad Diesel Engine Oils are OEM approved formulations designed to provide year-round lubrication in high horsepower two-cycle and four-cycle diesel engines that require zinc-free lubrication. Extensively tested in the field, they meet or exceed all current (2008) GE and EMD requirements, EMD Generation V and GE Generation 4 Long Life. Formulation optimized for TBN-retention and for use with low and ultra-low sulfur diesel fuels.

Since ECOPOWER® is made from recycled and re-refined used motor oil, it satisfies recent Federal directives for government agencies to use recycled/recovered materials, including:

- Executive Order 13423, signed in 2007 by President Bush, mandates “in Federal agency acquisitions of goods and services use of sustainable environmental practices, including acquisition of bio-based, environmentally preferable, energy-efficient, water-efficient, and recycled-content products”
- Section 6002 of RCRA that requires federal agencies to “procure such items composed of the highest percentage of recovered materials practicable”
- Federal Regulation 23.4 that requires Federal Agencies to “use recovered materials to the maximum extent practicable”

TYPICAL PROPERTIES			
ECOPOWER®	SAE	20W-40	40
Service Application		EMD Generation V, GE Generation 4 Long Life	
Specific Gravity 15.6°C (60°F)		0.883	0.888
Kinematic Viscosity cSt @ 40°C cSt @ 100°C		134.9	141.3
		15.4	14.8
Viscosity Index		117	105
CCS Viscosity cP @ -15°C		6900	-
Flash Point, °C		256	256
Pour Point, °C		-27	-24
Color (ASTM)		7.5	7.5
Zinc, µg/g		<2	<2
TBN		9	9

Note: Values shown above are representative of current production and may vary within modest ranges

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