



ECOPOWER® Heavy Duty Diesel Engine Oil is specifically engineered to meet the latest requirements for EGR / EGP engines. 15W-40 meets or exceeds API CK-4/SN, and is backwards compatible with CJ-4, CI-4 PLUS, CI-4 and CH-4. 10W-30 meets or exceeds API CK-4, and is designed to maximize fuel economy in today's current engine. Both oils meet MACK EOS-4.5, EO-0 Premium Plus, EO-N, Volvo VDS-4.5, VDS-4, VDS-3, Caterpillar ECF-3, ECF-2, Cummins CES20086, CES 20081, CES 20087, DD DFS, 93K222, DFS 93K218, DFS 93K233, Daimler MB 228.31, MTU Category 2.1 and Renault RLD-4, RLD-3.

EcoPower's robust formulation includes:

- **Highest quality re-refined Group II+ base oils** with exceptional purity and lubricating properties that heavy-duty applications demand.
- **State-of-the-art performance additives** including viscosity index improvers, detergents, dispersants, and anti-wear agents provide maximum protection against breakdown and engine wear
 - Unmatched varnish, sludge and carbon deposit control
 - Low valve train, ring and linear wear
 - Extra protection against bearing and bushing corrosion
 - Boosted oxidation control to minimize oil thickening
 - Excellent high-temperature stability
 - Controls oil thickening and provides good filterability with newer, high soot producing, emission-controlled engines
- **EcoPower Engine Oil is beneficial for the environment:** conserves valuable, non-renewable resources, takes up to 85% less energy to produce than oils made from crude according to recent Dept. of Energy study, and reduces greenhouse gas emissions up to 80%

TYPICAL PROPERTIES			
ECOPOWER®	SAE	10W-30	15W-40
API Service		CK-4	CK-4 / SN
Kinematic Viscosity			
cSt @ 40°C		81.7	113.9
cSt @ 100°C		12.2	15.6
Viscosity Index		145	145
CCS Viscosity			
cP @ -20C		6,200	5,500
Flash Point, °C		237	226
Pour Point, °C		-39	-33
Specific Gravity @ 60°F		.0865	.0869
Color (ASTM)		L 4.0	L 4.0
TBN		10.0	10.0
Sulfated Ash, wt%		1.0	1.0

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

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