



HEAVY DUTY DIESEL ENGINE OIL

PERFORMANCE PLUS® Heavy Duty Diesel Engine Oil is specifically engineered to meet the latest requirements for EGR / EGP engines. SAE 15W-40 meets or exceeds API CK-4/SN, and is backwards compatible with CJ-4, CI-4 PLUS, CI-4 and CH-4. SAE 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, Detroit Diesel DFS 93K222, DFS 93K218, Daimler MB 228.31, Renault RLD-4, RLD-3, and Ford WSS M2C171-F1.

The foundation of Performance Plus Oils are Kleen Performance Products' hydro-treated, high VI, Group II+ base oils.

TYPICAL PROPERTIES		
PERFORMANCE PLUS® 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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