



Specification Data Sheet

SDS

RM HEAVY-DUTY ENGINE OIL SAE 10W30 (CK-4)

Heavy-Duty Engine Oil are universal engine oils formulated with select base stocks and a robust additive system to meet and exceed performance requirements of a wide-range of heavy-duty engine applications found in on-road trucking, construction, mining and agriculture equipment. Heavy Duty Engine Oil provides outstanding wear and deposit control during cold engine start-up through maximum operating temperatures.

Performance Benefits

- Superior anti-wear properties protect critical engine components
- Special detergents maintain excellent soot control throughout service life
- Recommended for service in global regions with elevated sulfur content in diesel fuel
- Long-term protection of pistons and rings from carbon deposits

PRODUCT APPLICATION

Heavy-Duty Engine Oil is recommended for the following heavy-duty engine oil recommendations: API Heavy-Duty Service CI-4, CH-4, CG-4, CF-4, CF, CD & SL, SJ, SH, SG for Automotive Service ACEA A2/B2 Allison C4, Caterpillar ECF-2, ECF-1a, Cummins CES 20078, 20077, 20076, 20075, 20072, 20071, DDC 93K215, Deutz DQC III-10, Global DHD-1, Iveco T2 E5, JASO DH-1, Mack EO-M, EO-M Plus, EO-N, MAN 3275, MB 228.3, MTU Type II, Renault RLD, RLD-2, Volvo VDS-2, VDS-3

Typical Characteristics

Test	Method	Unit	Average results
SAE Grade			10W-30
Viscosity, cSt @ 40°C	ASTM D445	mm ² /s	62.0
Viscosity, cSt @ 100°C	ASTM D445	mm ² /s	10.7
Viscosity index	ASTM D2270		136
Specific Gravity @ 60°F	ASTM D1250		0.865
Flash Point, COC °C (°F)	ASTM D92	°C (°F)	220 (428)
Pour Point, °C (°F)	ASTM D97	°C (°F)	-44 (-47)
Total Base Number (TBN)	ASTM D2896		10
Sulfated Ash, wt %	ASTM D4929		1.20

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

