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Description

10W-30 CJ-4/SN Syn Bld <

Inspection Information	Test Method	Typical Value
Gravity, °API	ASTM D287	31.74
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8668
Viscosity @ 40°C cSt	ASTM D445	80.06
Viscosity @ 100°C cSt	ASTM D445	12.07
Viscosity Index	ASTM D2270	146
Pour Point °C (°F)	ASTM D5950	-39°C (-38°F)
Cold Cranking Simulator at (°C), cP	ASTM D5293	6600 (-25)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.5
Noack Volatility, % loss	ASTM D6375	13
Color	ASTM D1500	2.5
Zinc, wt. %	ASTM D5185	0.127
Phosphorus, wt. %	ASTM D5185	0.115
Calcium, wt. %	ASTM D5185	0.105
Sulfur, wt. %	ASTM D4951	0.32
Magnesium, wt. %	ASTM D5185	0.1
Molybdenum, wt. %	ASTM D5185	0.0066
Sulfated Ash, wt. %	ASTM D874	0.99
Nitrogen, wt. %	ASTM D4629	0.105
Pumping Viscosity at (°C), cP	ASTM D4684	23,000 (-30)
TBN, mgKOH/g	ASTM D2896	10

Claims Information

API SN	Approved
API SM	Meets Requirements
API SL	Meets Requirements
API SH, SG, SF, SE, SD, SC	Meets Requirements
API CJ-4	Approved
API CI-4 Plus	Meets Requirements
API CI-4	Meets Requirements
CH-4	Meets Requirements
API CG-4	Meets Requirements
API CF-2	Meets Requirements
API CF	Meets Requirements
Mack EO-O Premium Plus, EO-N Premium Plus '03, EO-M, and prior	Meets Requirements
WSS-M2C171-E	Meets Requirements
CAT ECF-3, ECF-2, ECF-1-a	Meets Requirements
Cummins CES 20081, 20077, 20076	Meets Requirements
Detroit Diesel 93K218, 93K215, 93K214	Meets Requirements
MAN 3275, 270	Meets Requirements
MB 228.3, 228.31	Meets Requirements
MTU Type I, Type II	Meets Requirements
Volvo VDS-4, 3, 2	Meets Requirements
Global DHD-1	Meets Requirements
JASO DH-2	Meets Requirements
ACEA E9, E7, E4, E2	Meets Requirements
Allison C-4	Suitable for Use