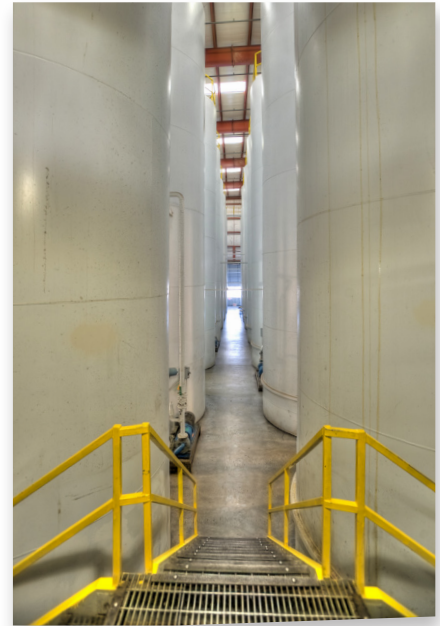




HEAVY DUTY SYNTHETIC BLEND **15W-40** CJ-4

Sinclair Premium Synthetic Blend 15W-40 CJ-4 Engine Oil is specially engineered for heavy duty diesel and gasoline engines operating under all service conditions. A high detergency and outstanding dispersancy keeps engines and pistons clean and soot suspended in the oil despite longer drain intervals and increased soot loading. A higher starting TBN provides added oxidation control and protection against acid build-up that can cause rust and corrosion. The synthetic blend base oil combined with an advanced additive technology provides excellent operating performance under more extreme temperatures.



APPLICATIONS

- Where API CJ-4, CI-4, CH-4, CG-4, CF-4, CF-2, CF, SL, and SN oils are recommended.
- Recommended for 2007 model year and newer engines equipped with Diesel Particulate Filters.
- Recommended for use in Caterpillar, Cummins, Detroit Diesel*, Mack, Navistar, Waukesha, Volvo and many imported diesel engines.
- Recommended for most imported or domestic naturally aspirated or supercharged gasoline or diesel engines used in passenger cars, vans or trucks.
- Provides the highest level of wear protection.

PERFORMANCE

- Meets the requirements of Emission Gas Circulation (EGR) or ACERT.
- Outstanding oil consumption control.
- Superior performance over a wide range of fuel sulfur content.
- Excellent soot handling capability.
- Superior deposit control.
- Excellent wear protection.
- Superb oxidation stability.

Meets:

Mack EO-O Premium Plus 07, EO-N Premium Plus '03, EO-M Plus
Cummins CES 20081, 20077, 20076
Caterpillar ECF-3, ECF-1
Volvo VDS-4, VDS-3, VDS-2, VDS
ACEA E7-04/E4, E2
DDC Powerguard 93K218, 93K215, 93K214



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TYPICAL PHYSICAL PROPERTIES

	METHOD	TYPICAL RESULTS
Viscosity Grade		HD Synthetic Blend SAE 15W-40 CJ-4
Gravity, °API	ASTM D287	30.81
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8718
Viscosity @ 40°C cSt	ASTM D445	112.6
Viscosity @ 100°C cSt	ASTM D445	14.98
Viscosity Index	ASTM D2270	138
Pour Point °C (°F)	ASTM D5950	-36°C (-33°F)
Cold Cranking Simulator at (°C), cP	ASTM D5293	5841 (-20)
Color	ASTM D1500	2.5
Zinc, wt. %	ASTM D5185	0.1287
Phosphorus, wt. %	ASTM D5185	0.115
Calcium, wt. %	ASTM D5185	0.12
Sulfur, wt. %	ASTM D4951	0.308
Magnesium, wt. %	ASTM D5185	0.083
Molybdenum	ASTM D5185	0.0045
Sulfated Ash, wt. %	ASTM D874	0.99
Nitrogen, wt. %	ASTM D4629	0.11

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
HD Synthetic Blend SAE 15W-40 CJ-4	Bulk	535-001	N/A	N/A	N/A	N/A	N/A	N/A

