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AMERIGUARD® SYNTHETIC BLEND 15W-40 HEAVY DUTY DIESEL ENGINE OIL



Synthetic Blend Heavy Duty Diesel Engine Oil Heavy Duty Engine Oil

AMERIGUARD® Synthetic Blend 15W-40 CK-4 Heavy Duty Diesel Engine Oil uses the latest technology that provides extra protection, compared to Conventional Oil. It's formulated with a combination of full synthetic and high-quality Group II base oils. You and your vehicles work hard for the important things in life. Trust high-quality AMERIGUARD® Lubricants by Sapp Bros. to protect engines and your investment -- at an excellent value. Our engine oil is formulated to provide the following features and benefits:

- Improved cold temperature performance and extra protection, compared to Conventional 15W-40 CK-4 grade.
- Extended drain capability.
- Extra wear protection. Our technology delivers up to 53% better wear protection.¹
- Better oxidation and deposit control. Stands up to high heat and stress to protect as well on the last day as it does on the first day. Up to 83% better oxidation control and 63% better deposit control.²
- Meets or exceeds the requirements of OEMs.

¹ Using HD 10W-30 CK-4, compared to Conventional HD 15W-40 CK-4 during on-highway long-haul service. Savings will vary on idle time and other driving conditions of your fleet or vehicle.

² Compared to new limits of API CK-4 requirements.

Applications

- This product and grade is a fuel economy and mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines in which the API CK-4 service categories are recommended. It is formulated for engines operating under severe service and a wide range of cold and hot temperatures.
- It is backward compatible for CJ-4 and older API service categories.
- Approved by or meets requirements of major OEMs such as Cummins, Detroit Diesel, Mack/Volvo, Paccar, Navistar, Caterpillar, and others.

Industry/OEM Specifications

API CK-4	Approved
API SN	Approved
Ford WSS-M2C171-F1	Approved
ACEA E9, E7, E4, E2	Meets Requirements
API CI-4 Plus, CI-4, CH-4, CG-4, CF-2, CF	Meets Requirements
API CJ-4	Meets Requirements
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
CAT ECF-3, ECF-2, ECF-1-a	Meets Requirements
Chrysler/Fiat MS-10902	Meets Requirements
CID A-A-52306, MIL-PRF-2104G	Meets Requirements
Cummins 20086	Meets Requirements
Cummins CES 20081, 20077, 20076	Meets Requirements

Detroit Diesel 93K218, 93K215, 93K214	Meets Requirements
Detroit Diesel 93K222	Meets Requirements
Ford WSS-M2C171-E	Meets Requirements
Global DHD-1	Meets Requirements
JASO DH-2	Meets Requirements
Mack EO-O Premium Plus, EO-N Premium Plus 03, EO-M Plus, and prior	Meets Requirements
Mack EOS-4.5	Meets Requirements
MAN 3275, 270	Meets Requirements
MAN 3575	Meets Requirements
MB 228.3, 228.31	Meets Requirements
MTU 2.1	Meets Requirements
MTU Type I, Type II	Meets Requirements
Renault RLD-4	Meets Requirements
Volvo VDS-4, 3, 2	Meets Requirements
Volvo VDS-4.5	Meets Requirements
Allison C-4	Suitable for Use

Typical Properties

Calcium, wt. %	ASTM D5185	0.105
Cold Cranking Simulator at (°C), cP	ASTM D5293	5398 (-20)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	224
Flash Point °F	ASTM D92	435
Gravity, °API	ASTM D287	30.55
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	4.3
Magnesium, wt. %	ASTM D5185	0.1
Molybdenum, wt. %	ASTM D5185	0.0066
Nitrogen, wt. %	ASTM D4629	0.105
Noack Volatility, % loss	ASTM D6375	10
Phosphorus, wt. %	ASTM D5185	0.115
Pour Point °C (°F)	ASTM D5950	-36°C (-33°F)
Pumping Viscosity at (°C), cP	ASTM D4684	21,600 (-25)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8732
Sulfated Ash, wt. %	ASTM D874	0.99
Sulfur, wt. %	ASTM D4951	0.32
TBN, mgKOH/g	ASTM D2896	10.0
Viscosity @ 100°C cSt	ASTM D445	15.66
Viscosity @ 40°C cSt	ASTM D445	116.1
Viscosity Index	ASTM D2270	143
Zinc, wt. %	ASTM D5185	0.127

Information accurate as of March 3, 2026