

# Technical Product Information

www.usglobalpetroleum.com

www.everestoil.com

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Premium  
Performance

HD5  
CK-4 /SN

# EVEREST®

## HD-5 SAE 5W-30 SYNTHETIC BLEND CK-4 DIESEL OIL

**Everest Advanced HD-5 Heavy Duty SAE 5W-30 Synthetic Blend Diesel Oil** is a high-performance engine oil designed to meet 2017 and newer on-highway and Tier 4 exhaust emission standards. It provides enhanced protection against wear, oxidation, shear viscosity loss, low and high-temperature degradation, soot related thickening, and protection against particulate filter blocking and catalyst poisoning. It is recommended for naturally aspirated, turbocharged or supercharged diesel, gasoline, or propane truck, sport utility vehicle, passenger car and other mobile or stationary engines.

**Everest Advanced HD-5 Heavy Duty SAE 5W-30 Synthetic Blend Diesel Oil** meets or exceeds CK-4 service classification and is compatible with all prior categories. It has been field tested to be comparable to most American, Asian, European and diesel engine manufacturers' standards including ACEA E6, CAT ECF-3, ECF-2, Cummins CES 20086.81, Detroit (DFS) 93K222, 93K218, Ford WSS-M2C171-F1, JASO DH-2, Mack EOS-4.5 EO-O Premium Plus, MB 228.51, Volvo VDS-4.5, VDS-4 and many other OEM's specifications where a synthetic blend SAE 5W-30 CK-4 engine oil is recommended. Always check your owner's manual for proper service recommendations.

### Benefits and Applications

- For diesel and gasoline engines
- Full synthetic motor oil outperforms conventional oil
- Demonstrated fuel economy improvement and retention
- Enhanced oxidative stability, emission system and wear protection

### Typical Characteristic 5W-30 Heavy Duty Synthetic Blend Oil

SAE GRADE	Syn Blend	5W-30
API SERVICE		CK-4/SN
API Gravity	ASTM D287	33.26
Flash Point, COC °C/°F	ASTM D92	221 / 429.8
Pour Point, °C/°F	ASTM D97	-48 / -54.4
Viscosity @ 40°C, cSt	ASTM D445	60.71
Viscosity @ 100°C, cSt	ASTM D445	10.23
Viscosity Index	ASTM D2270	157
CCS, mPa-sec °C max	ASTM D5293	6600 @ -30
Total Base No. TBN	ASTM D2896	10

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

### CK-4 / SN

ACEA E7, E9, MB 228.31,  
CAT ECF-3, DDC 93K222,  
FORD WSS-M2C171-F1,  
Volvo VDS-4.5, Mack  
EOS-4.5, Renault VI RLD-4



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