

# PETROMERICA

## HEAVY DUTY SAE 10W-30 CK-4 SEMI SYNTHETIC

**PETROMERICA ADVANCED CK-4 HEAVY DUTY SEMI SYNTHETIC SAE 10W-30 DIESEL ENGINE 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 outperforms conventional motor oil and is recommended for naturally aspirated, turbocharged or supercharged diesel, gasoline, or propane truck, sport utility vehicle, and passenger car engines.

**PETROMERICA ADVANCED CK-4 HEAVY DUTY SEMI SYNTHETIC SAE 10W-30 DIESEL ENGINE OIL** meets or exceeds American Petroleum Institute (API) CK-4 / SN and all previous service classifications. It conforms to DFS 93K222 specification and is Volvo VDS-4.5, Mack EOS-4.5, and Renault VI RLD-3 approved. Furthermore, it has been field tested to be comparable to most American, Asian, and European manufacturers' standards including: ACEA E7-16, E9-16, FORD WSS-M2C171-F1, CES 20086, CES 20087, CAT ECF-3, Renault RLD-4, MB 228.31, KOMATSU, and many other OEM's specifications that recommend a synthetic blend API CK-4 engine oil.

### Benefits and Applications

- For diesel and gasoline engines
- Exceeds API CK-4, CJ-4, CI-4 / SN
- Excellent cold-crank capabilities
- Helps improve fuel economy

### Typical Characteristic HD 10W-30 CK-4 Synthetic Blend

SAE GRADE	Heavy Duty	10W-30
API SERVICE		CK-4 / SN
API Gravity	ASTM D287	31.42
Flash Point, COC °C/°F	ASTM D92	235 / 455
Pour Point, °C/°F	ASTM D97	-39 / -38.2
Viscosity @ 40°C, cSt	ASTM D445	82.18
Viscosity @ 100°C, cSt	ASTM D445	11.98
Viscosity Index	ASTM D2270	140
CCS, mPa-sec °C max	ASTM D5293	6316 @ -25
Total Base No. TBN	ASTM D2896	9.0

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

**API CK-4 / SN**  
Volvo VDS-4.5, Mack EOS-4.5, and Renault VI RLD-3 approved.  
Conforms to DFS 93K222 and FORD WSS-M2C171-F1, ACEA E7-16, ACEA E9-16



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