

PETROMERICA

ADVANCED HEAVY DUTY SEMI SYNTHETIC

PETROMERICA ADVANCED CK-4 HEAVY DUTY SEMI SYNTHETIC SAE 15W-40 DIESEL ENGINE OIL is a high-performance engine oil designed to meet 2019 and prior model year 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 as well as 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 15W-40 DIESEL ENGINE OIL meets or exceeds American Petroleum Institute (API) CK-4 / SN and all previous service classifications. It conforming to DFS 93K222 specifications and is FORD WSS-M2C171-F1, Volvo VDS-4.5, Mack EOS-4.5, and Renault VI RLD-3 approved. It has been field tested to be comparable to most American, Asian and European manufacturers' standards including ACEA E7-12, MB 228.31, Renault VI RLD-4, CAT ECF-3, KOMATSU and many other OEM's specifications where a semi synthetic API CK-4 engine oil is recommended.

Benefits and Applications

- Demonstrated fuel economy improvement and retention
- Enhanced oxidative stability, emission system and wear protection
- Protection against soot-related viscosity increase
- Low- and high-temperature property control

CK-4 / SN



HD 15W-40 Typical Characteristics - V191216

SAE GRADE		15W-40
API SERVICE		CK-4 / SN
Specific Gravity @ 60°F	ASTM D287	0.8728
Flash Point, COC °C/°F	ASTM D92	229 / 444.2
Pour Point, °C/°F	ASTM D97	-32 / -25.6
Viscosity @ 40°C, cSt	ASTM D445	116.7
Viscosity @ 100°C, cSt	ASTM D445	15.41
Viscosity Index	ASTM D2270	138
CCS, mPa-sec °C max	ASTM D5293	5,158 (-20)
Total Base No. TBN	ASTM D2896	10.2

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



HANDLING AND SAFETY INFORMATION - Refer to USGLOBAL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

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