

# PETROMERICA

## Semi Synthetic HD 20W-50 CI-4 Engine Oil

**Petromerica Semi Synthetic Heavy Duty CI-4 SAE 20W-50 Diesel Engine Oil** is a premium multi-grade oil specifically engineered to meet the requirements of naturally aspirated, turbocharged, or supercharged diesel, gasoline, and propane engines used in automotive, trucking, construction, mining and farm equipment. It helps extend overall engine life by minimizing sludge and varnish formation and providing outstanding anti-wear protection and deposit control even under the toughest driving conditions.

**Petromerica Semi Synthetic Heavy Duty CI-4 SAE 20W-50 Diesel Engine Oil** outperforms conventional motor oil and meets or exceeds the CI-4 / SL classifications and all prior specifications including CH-4, CG-4, CF-4, CF-2, CF and API SJ, and SH. It has been field tested to be comparable to most American, Asian and European manufacturers' standards including ACEA E7, Mack EO-M Plus, Cummins CES 20078, Volvo VDS / VDS-2, Caterpillar ECF-1, MAN 3275, MB 228.32 many other OEM's specifications where a heavy duty CI-4/SL motor oil is recommended.

### Benefits and Applications

- Lower pour point reduces start-up wear during cold weather
- Enhanced oxidative stability, emission system and wear protection
- Semi synthetic oil helps to improve fuel economy
- Superior resistance to sludge and varnish deposit formation

### 20W-50 CI-4 Typical Characteristics - V200408

SAE GRADE	Heavy Duty	20W-50
SERVICE CLASSIFICATION		CI-4 / SL
API Gravity	ASTM D287	29.7
Flash Point, COC °C/°F	ASTM D92	206 / 402.8
Pour Point, °C/°F	ASTM D97	-30 / -22
Viscosity @ 40°C, cSt	ASTM D445	156.9
Viscosity @ 100°C, cSt	ASTM D445	18.6
Viscosity Index	ASTM D2270	133
CCS, mPa-sec °C max	ASTM D5293	9500 @ -15
Total Base No. TBN	ASTM D2896	7.9

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

### CI-4 / SL

ACEA E7, Mack EO-M Plus,  
Cummins CES 20078, Volvo  
VDS/VDS-2, Caterpillar  
ECF-1, MAN 3275, MB 228.32



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