

## Athen Marine SAE 20W-50

A premium-quality, high-speed diesel (HSD) lubricant for a range of marine applications

### Product Description

**Athen Marine SAE 20W-50** is an extra high-performance, multi-grade engine oil specifically formulated for severe service high-speed diesel engines in marine applications. The advanced chemistry of these products provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high-sulphur distillate fuel.

### Features & Benefits

- ➔ Thermal and oxidation stability, Controls sludge build-up and deposits
- ➔ Stay-in-grade shear stability, helps reduce oil consumption and wear
- ➔ Excellent detergency/dispersancy, cleaner engines, and longer engine life

### Applications

- ➔ Diesel generator set systems and diesel automotive engines are used in heavy industries
- ➔ Modern four-stroke turbocharged or naturally aspirated diesel engines requiring API CI-4
- ➔ Suitable for use in on-road commercial vehicles, off-road construction and mining equipment, agricultural tractors, stationary power generators, and high-temperature diesel engines in hot climates.

Athen Marine SAE 20W-50		
<b>Performance level meets/exceeds</b>	API CI-4/SL, Detroit Diesel 93K215, VOLVO VDS3, MTU TYPE 2, Daimler Trucks DTFR 15B110, ACEA E7-12, MACK EO-M+ & EO-N, CES 20077, CES 20078, CATERPILLAR ECF-1a, RENAULT VI RLD-2, GOBAL DHD-1, MAN Truck & Bus M 3275-1	
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>20W-50</b>
Density @ 15°C, kg/l	D 1298	0.885
Viscosity @ 100°C, cSt	D 445	19.0
Viscosity Index	D 2270	130
Flash Point, °C	D 92	242
Pour Point, °C	D 97	-27
BN, mg KOH/g	D 2896	9.0
Ash, Sulfated, mass%	D 874	1.1
Apparent Viscosity -15°C, cP	D 5293	<9500

*"Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations that do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS"*