

Athen Marine SAE 10W-40

Multigrade Marine Oil is specially formulated for highly turbo-charged diesel engines.

Product Description

It is an extra high-performance heavy-duty diesel engine oil specifically developed for use in modern, low-emission diesel engines, including those fitted with Exhaust Gas Re-circulation (EGR) systems in on-highway, off-highway, and marine applications. This product meets the latest requirements of all major European, American, and Japanese engine manufacturers.

Features & Benefits

- ➔ High shear stability, reduces oil consumption and wear
- ➔ Outstanding thermo-oxidative stability reduces deposits and oil thickening
- ➔ Excellent soot handling capability protects against soot-induced viscosity increase and wear
- ➔ Excellent BN retention helps in opposing the damaging effects of corrosive exhaust gases

Applications

- ➔ Heavy-duty diesel engines are used in mining, construction, agriculture & other off-highway and marine applications
- ➔ Turbocharged and naturally aspirated diesel engines are used in on-highway applications, including those fitted with EGR systems and meeting US 2004 emission norms introduced in 2002.
- ➔ Suitable for Euro 4 vehicles that do not require low SAPS oils, and in vehicles meeting Euro 3 and earlier emission norms.

Athen Marine SAE 10W-40		
Performance level meets/exceeds	API CI-4/SL, ACEA E7, Global DHD-1, MACK EO-N, MB: 228.3, MAN M 3275, Cummins 200077, 200078, Volvo VDS-3, Renault RLD-2, Caterpillar ECF-1a, MTU Oil Category 2	
Test Parameters	ASTM Method	10W-40
Density @ 15°C, kg/l	D 1298	0.888
Viscosity @ 100°C, cSt	D 445	14.8
Viscosity Index	D 2270	140
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-36
BN, mg KOH/g	D 2896	10.5
Apparent Viscosity -25°C, cP	D 5293	<7000
Sulfated Ash, wt. %	D 874	1.3

"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"