

PRODUCT DATA SHEET



Athen Marine CYL Oil 5070

Cylinder Oil for modern Low-Speed 2-stroke Marine Diesel Engines using High Sulphur Heavy Fuel Oil (HFO).

Product Description

Athen Marine CYL Oil 5070 is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low-speed crosshead diesel engines operating on residual fuels having a Sulphur content of more than 1%. This oil is specially developed for diesel engines operating with higher pressures & temperatures and longer strokes.

Features & Benefits

- It has a high acid neutralization capacity, ensuring excellent cylinder protection
- Its high BN created with mineral chemistry maintains cylinder protection over long periods, preventing corrosion resulting from sulfuric acid formation
- Proven to help maintain engine cleanliness without creating harmful deposits
- Reduces cylinder wear and scuffing, and can extend the length of time between engine overhauls

Applications

- Low-speed 2-stroke engines run on high-sulfur residual fuels
- Can be used alternately with lower BN products when using IMO 2020-compliant fuels
- Recommended for cylinder lubrication of the latest, highly rated low-speed crosshead marine diesel engines operating on residual fuels with Sulphur contents over 1%.

Athen Marine CYL Oil 5070		
Typical Characteristics	SAE Grade	50
	BN	70
Test Parameters	ASTM Method	Typical Values
Density @ 15°C, kg/l	D 1298	0.930
Viscosity @ 100°C, cSt	D 445	19.0
Viscosity Index	D 2270	101
Flash Point, °C	D 92	260
Pour Point, °C	D 97	-15
BN, mg KOH/g	D 2896	70

"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"