

# PRODUCT DATA SHEET



## Athen Marine CYL Oil 5040

Marine cylinder lubricant for slow-speed 2-stroke engines using low-sulfur residual fuels.

### Product Description

**Athen Marine CYL Oil 5040** is a cylinder lubricant specifically formulated for demanding applications that require greater detergency and dispersancy. It is particularly designed for slow-speed 2-stroke engines operating on low-sulfur residual fuel blends and distillates with up to 0.5% sulfur content.

### Features & Benefits

- Excellent capability to neutralize acid outgrowths generated from combustion of the fuel of poor quality, thereby protecting the engine from corrosion
- A lower ash-forming formulation avoids crown land deposit formation, even when running on very low Sulphur fuels
- Excellent anti-wear performance to reduce the friction and wear-off of metallic components and extend engine life
- Tested and compatible with all standard seal materials and high levels of ring pack cleanliness

### Applications

- Slow-speed 2-stroke engines, including the latest generation of crosshead engines, run on low-sulfur fuels.
- Engines running on low sulfur fuels that require a BN 40 lubricant conforming to the Everllence specification
- Athen Marine Cylinder Oil is suitable for use in vessels running on MARPOL Annex VI Regulation 14 compliant fuels with a maximum sulfur of 0.50%

Athen Marine CYL Oil 5040		
Typical Characteristics	SAE Grade 50	BN 40
OEM Approval	MAN Energy Solution	
Performance meets/exceeds	WinGD and Japan Engine Corporation	
Test Parameters	ASTM Method	Typical Values
Density @ 15°C, kg/l	D 1298	0.916
Viscosity @ 100°C, cSt	D 445	19.0
Viscosity Index	D 2270	100
Flash Point, °C	D 92	250
Pour Point, °C	D 97	-12
BN, mg KOH/g	D 2896	40

*"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"*