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| **Athen Marine Cylinder Oil 5070** |

Marine Cylinder Oil specially designed 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 sulphur content in excess of 1%. This oil is specially developed for diesel engines operating with higher pressures & temperatures and longer strokes. This oil is available in SAE 50 viscosity grade with a BN (Base Number) of 70. This oil possesses outstanding acid neutralizing capability and provides excellent engine cleanliness and durability.

# Features & Benefits

* Outstanding acid neutralizing capability helps to prolong the life of engine components.
* Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports.
* Enhanced anti-wear property minimizes piston ring & cylinder wear leading to reduced maintenance costs.
* Good compatibility with all normal seal materials.

# Applications

* Recommended for cylinder lubrication of the latest, highly rated low speed crosshead marine diesel engines operating on residual fuels with sulphur contents in excess of 1%.
* The feed rates recommended by the manufacturer should be maintained as the minimum. Higher feed rates may be required during running-in.

# Typical Properties

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| **Athen Marine Cylinder Oil 5070** | | |
| **Typical properties** | **SAE Grade** | **50** |
| **BN** | **70** |
| **Test Parameters** | **ASTM Method** | **Typical Values** |
| Viscosity @ 100 0C, cSt | D 445 | 19.9 |
| Viscosity Index | D 2270 | 98 |
| Flash Point, 0C | D 92 | 246 |
| Pour Point, 0C | D 97 | -18 |
| BN, mg KOH/g | D 2896 | 70 |
| Density @ 15 0C, kg/l | D 1298 | 0.934 |

“*Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which 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”*

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