

SEACURE 5040, 5055, 5070, 5085, 5100 (Marine Low Speed Cylinder Oil)

(Marine Cylinder Oil specially designed for modern Low Speed 2-stroke Marine Diesel Engines using Low Sulphur Heavy Fuel Oil (LSFO))

DESCRIPTION

SEACURE 5040, 5055, 5070, 5085, 5100 is a superior quality Marine Cylinder Lubricant (MCL) designed for the very latest 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 brake mean effective pressures (bmep) longest stroke length and Tier II compliance. This oil is available in SAE 50 viscosity grade with a TBN (Base Number) of 40/55/70/85/100. This oil possesses outstanding acid neutralizing capability and provides excellent engine cleanliness and durability.

APPLICATIONS

Periodic inspection of liner condition and scrape down analysis is essential to ensure continuous low wear rates. Switching from 40BN, 55BN, 70BN to 85BN or 100BN cylinder oil is recommended where there is evidence of cold corrosion or when using the correct cylinder oil feed rate the residual BN in the scrape down oil is continuously lower than the manufacturers limit (normally a minimum residual 20 TBN).

FEATURES & BENEFITS

- Outstanding acid neutralizing capability helps to prolong the life of engine components.
- Higher TBN for increased acid neutralization capability and residual TBN reserve in scrape down oil. Superior detergency minimizes deposits on critical parts viz.
- Pistons, piston rings, ring grooves and cylinder ports.
- Anti-wear property minimizes piston ring & cylinder wear leading to reduced maintenance costs.
- Good compatibility with all normal seal materials.

PROPERTIES

SAE Grade 50	5040	5055	5070	5085	5100
Specific Gravity at 15°C	0.922	0.943	0.934	0.943	0.953
Flash Point, °C	242	232	246	248	244
Pour Point, °C	-18	-18	-18	-12	-24
Viscosity cSt, at 40 °C	226	224	226	228	242
Viscosity cSt, at 100 °C	19.8	19.7	19.9	19.4	21.1
Viscosity Index	95	97	98	99	103
TBN, mg KOH/g	40	55	70	85	100

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