

Product Data Sheet

Aquilon MLS

Description and Applications

Saheli Aquilon MLS 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%. **Saheli Aquilon MLS** is specially developed for diesel engines operating with higher pressures and temperatures and longer strokes.

Saheli Aquilon MLS is available in SAE 50 and SAE 60 viscosity grades with a TBN (Total Base Number) of 50, 70 and 100. These oils possess outstanding acid neutralizing capability and provide excellent engine cleanliness and durability.

Features and 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 and 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 when running new liners and/or rings.

Test Parameters	Test Method	Typical Results					
Aquilon MS		550	650	570	670	5100	6100
SAE Viscosity Grade	SAE (J300)	50	60	50	60	50	60
Density @ 15°C gm/cm ³	ASTM D1298	0.921	0.923	0.934	0.936	0.955	0.958
Viscosity Index	ASTM D2270	96	95	96	95	96	95
Viscosity @ 100°C, mm ² /s	ASTM D445	18.3	23.0	18.5	24.1	18.5	24.2
Pour Point °C	ASTM D 97	-18	-18	-18	-18	-18	-18
Flash Point (COC) °C	ASTM D 92	245	246	246	246	248	248
TBN, mgKOH/g	ASTM D2896	50	50	70	70	100	100
Sulphated Ash, %wt	ASTM D874	6.4	6.4	9.0	9.0	12.8	12.8