

Product Data Sheet

Aquilon 1000

Description and Applications

Saheli Aquilon 1000 is a high performance high viscosity oil developed for the lubrication of steam cylinders operating on saturated or slightly superheated steam at either high or low pressures.

Saheli Aquilon 1000 is formulated from premium quality base oils possessing high thermo-oxidative stability and resists harmful deposit build-up caused by the high operating temperatures of steam cylinders.

Saheli Aquilon 1000 has superior film strength and provides excellent lubricity and resistance to water washout. It is also suitable for splash lubrication of enclosed worm gears operating at moderate to high loads and temperatures.

Features and Benefits

- Superior film strength at high temperatures protecting against wear of heavily loaded parts.
- Minimizes deposit formation on areas subjected to high spot temperatures facilitating cleaner engines and lower maintenance costs.

Applications

- **Saheli Aquilon 1000** is recommended for lubrication of steam cylinders operating on saturated or slightly superheated steam at either high or low pressures.
- **Saheli Aquilon 1000** is also suitable for splash lubrication of enclosed worm gears operating at moderate to high loads and temperatures.

Test Parameters	Test Method	Typical
SAE Viscosity Grade	SAE (J300)	1000
Density @ 15°C gm/cm ³	ASTM D4052	0.930
Viscosity Index	ASTM D2270	92
Viscosity @ 100°C, mm ² /s	ASTM D7042	48.6
Pour Point °C	ASTM D 97	-3
Flash Point (COC) °C	ASTM D 92	282