

Product Data Sheet

Aquilon CHS

Description and Applications

Saheli Aquilon CHS are premium quality system oil designed for modern highly rated low speed crosshead marine engines including those employing system oil for piston cooling.

Saheli Aquilon CHS is formulated from high quality paraffinic base oils with latest additive technology to provide excellent thermal stability and oxidation resistance.

Saheli Aquilon CHS has adequate alkalinity to neutralize any strong acids, which may enter into the crankcase resulting from the combustion of fuel sulphur.

Saheli Aquilon CHS is available in **SAE 30** and **SAE 40** viscosity grades with a TBN (Total Base Number) of 5 and 7.

Features and Benefits

- Excellent thermo-oxidative stability to retard oil degradation and facilitates piston cooling.
- Improved detergency keeps crankcase clean.
- Superior water separation characteristics result in trouble free operations.
- Special rust inhibitors protect critical bearing surfaces from rusting.
- Adequate TBN ensures protection against corrosive combustion products.
- Good load bearing capabilities reduce wear in heavily loaded bearings.

Saheli Aquilon CHS is recommended for crankcase lubrication in the latest highly rated low speed crosshead marine engines including those employing system oil for piston cooling.

Approval: **MWM Deutz**

Test Parameters	Test Method	Typical Results			
Aquilon CHS		305	405	307	407
SAE Viscosity Grade	SAE (J300)	30	40	30	40
Density @ 15°C gm/cm ³	ASTM D1298	0.886	0.889	0.889	0.890
Viscosity Index	ASTM D2270	98	96	97	96
Viscosity @ 100°C, mm ² /s	ASTM D445	11.2	14.2	11.3	14.3
Pour Point °C	ASTM D 97	-18	-18	-18	-18
Flash Point (COC) °C	ASTM D 92	232	240	236	240
TBN, mgKOH/g	ASTM D 2896	5	5	7	7
Sulfated Ash, wt%	ASTM D 874	0.8	0.8	1.02	1.02

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.

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