

Product Data Sheet

Azura EHP 4015

Description and Applications

Saheli Azura EHP 4015 (Extra High Performance Marine Diesel Engine oil), is a trunk piston engine oil specifically developed to prevent liner lacquering in medium speed diesel engines operating on distillate fuels. The modern additive technology used in **Saheli Azura EHP 4015** not only prevents liner-lacquering but also cleans-up liners that already have this problem and thereby helps in keeping the engine parts clean and preventing bore polishing.

Saheli Azura EHP 4015 is in **SAE 40** viscosity grade with a TBN (Total Base Number) of 15 mg KOH/g. **Saheli Azura 4015** has been formally approved by Wartsila for use in Deutz SBVM628 engines.

Features and Benefits

- Superior detergency preventing liner-lacquering, cleans-up liner lacquer already existing and ensures piston and crankcase cleanliness.
- Improved anti-wear property minimizes engine wear and reduces maintenance costs. Excellent thermo-oxidative stability retards oil degradation and controls its viscosity.
- Good TBN retention ensures protection of engine parts against corrosive combustion products.
- Better demulsibility characteristics ensure water separation leading to trouble free operation and special rust and corrosion inhibitors prevent corrosion of engine parts in severe salt-water environment.

Applications

- **Saheli Azura EHP 4015** is recommended for medium speed trunk piston engines operating on distillate fuels having sulphur contents up to 1 %.
- **Saheli Azura EHP 4015** is specially recommended for engines that are susceptible to liner-lacquering and associated high lube-oil consumption.
- **Saheli Azura EHP 4015** is also recommended for certain reduction gear systems where the equipment manufacturer specifies this type of lubricant.

Specifications

- **API CF**
- Wartsila approval for Deutz AG for SVBM 628 engines (see TR 0178-99-02229)

Test Parameters	Test Method	Typical
SAE Viscosity Grade	SAE (J300)	40
Density @ 15°C gm/cm ³	ASTM D4052	0.907
Viscosity Index	ASTM D2270	102
Viscosity @ 40°C, mm ² /s	ASTM D7042	157
Viscosity @ 100°C, mm ² /s	ASTM D7042	15.7
Pour Point °C	ASTM D 97	-24
Flash Point (COC) °C	ASTM D 92	250
TBN, mgKOH/g	ASTM D 2896	15
Sulfated Ash, wt%	ASTM D 874	2.1

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.