

Product Data Sheet

Azura EL-XS

Description and Applications

Saheli Azura EL-XS is a trunk piston engine oil designed for use in medium speed diesel engines operating on residual fuels in marine, power generation and industrial applications. The superior additive technology used in this oil provides excellent engine cleanliness and wear protection under different operating conditions.

Features and Benefits

- Exceptional detergency that reduces build-up of soot and black sludge, improves tolerance for heavy fuel contaminants and keeps the engine clean.
- Acidic by-products are effectively neutralized and the engine is protected from corrosive wear by the unique formulation providing the reserve alkalinity.
- Superior demulsibility characteristics ensure water separation leading to trouble free operation.
- Robust anti-wear technology provides excellent piston and linear wear control and good gear performance leading to reduction in maintenance costs.
- Excellent thermo-oxidative stability retards oil degradation facilitating extended oil life.

Applications

- **Saheli Azura EL-XS** oils are recommended for medium speed diesel engines in marine, power generation and industrial applications operating on residual fuels.
- **Saheli Azura EL-XS** is specially recommended for older engines where oil consumption is relatively high.
 - **Saheli Azura EL-XS 4055** having a **TBN of 55** is specifically formulated for the engines fitted with operating on high sulphur residual fuels. These oils are also specially recommended for those engines where oil has to stay for a longer time and there is a need for less frequent top-up
 - **Saheli Azura EL-XS 3040** and **4040** having a **TBN of 40** are suitable for the engines operating on residual fuels having sulphur content in excess of 3.5%
 - **Saheli Azura EL-XS 3030** and **4030** having a **TBN of 30** are suitable for engines operating on residual fuels having sulphur content in excess of 2.5% and up to 3.5 %
 - **Saheli Azura EL-XS 3020** and **4020** having a **TBN of 20** are suitable for engines operating on residual fuels having sulphur content up to 2.5 %

Specifications

Meets **API CF**

Has Approvals for:

- SEMT Pielstick
- NKK Plant Engineering Corp
- MWM Deutz
- Alstom
- Fuji Technical Services Pvt. Ltd.

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Test Parameters	Test Method	Typical Results						
		3020	4020	3030	4030	3040	4040	4055
Saheli Azura EL-XS		30	40	30	40	30	40	40
SAE Viscosity Grade	SAE (J300)	30	40	30	40	30	40	40
Density @ 15°C gm/cm ³	ASTM D1298	0.898	0.900	0.905	0.907	0.913	0.915	0.920
Viscosity Index	ASTM D2270	98	95	97	95	96	96	95
Viscosity @ 100°C, mm ² /s	ASTM D 445	11.2	14.3	11.1	14.1	11.3	14.3	14.2
Pour Point °C	ASTM D 97	-18	-18	-18	-18	-18	-18	-18
Flash Point (COC) °C	ASTM D 92	232	242	228	244	234	246	242
TBN, mgKOH/g	ASTM D 2896	20	20	30	30	40	40	55
Sulfated Ash, wt%	ASTM D 874	2.7	2.7	3.9	3.9	5.2	5.2	7.1

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.