

Product Data Sheet

Zonda HDX

Description and Applications

Saheli Zonda HDX series is extra high performance diesel engine oils specially developed for use in modern, high-output, low emission engines meeting US 2007 on-highway exhaust emission standards. These oils not only addresses the unique needs of these new engines and enhances the life of exhaust after treatment devices but also provides improved protection to older engines. These are formulated with state-of-the-art additive technology and severely hydro-processed base oils to provide outstanding performance and overall protection. **Saheli Zonda HDX** is available in **SAE grades 10W30** and **15W40**.

Features and Benefits

- Outstanding thermal and oxidative stability reduces low-temperature sludge build-up, high temperature deposits and oil thickening.
- Excellent soot handling capability minimizes soot related viscosity increase and leads to longer engine/oil life.
- Outstanding corrosive and abrasive wear protection extends life of engine components.
- Superior shear stability maintains viscosity in severe high-temperature service and leads to improved wear protection.
- Exceptional TBN retention resists harmful effects of corrosive exhaust gases and extends oil life
- Low ash content reduces particulate build-up in Diesel Particulate Filter (DPF).

Applications

- Latest high performance low emission engines including those equipped with DPF and Exhaust Gas Recirculation (EGR) and meeting US 2007 on-highway exhaust emission standards
- On-highway vehicles and off-highway equipments operating in severe low speed/heavy load conditions using either low (500 ppm) or ultra low (15 ppm) sulphur fuels
- High performance gasoline engines and mixed fleet operations

Specifications

Meet and exceed:

- **API CJ-4, CI-4 PLUS, CI-4, CH-4, CF-4, SM, SL, SJ,**
- MB 228.5, MAN M3575, Volvo VDS-4, ACEA E7/E9
- Cummins CES 20081, Mack EO-O Premium Plus, MTU Type 3

Test Parameters	Test Method	Typical Results	
		15W40	10W30
SAE Viscosity Grade		15W40	10W30
Density @ 15°C gm/cm ³	ASTM D1298	0.861	0.873
Viscosity Index	ASTM D2270	136	141
Viscosity @ 100°C (cSt)	ASTM D 445	14.9	12.2
Pour Point °C	ASTM D 97	-30	-33
Flash Point (COC) °C	ASTM D 92	230	231
T.B.N mg KOH/gm	ASTM D 2896	7.6	8.9

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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