

Product Data Sheet

PowerDrive HD – THO

Description and Applications

Saheli PowerDrive HD -THO series is specially designed for hydraulic systems and high torque and heavy duty automatic and powershift transmissions on off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications. These oils are blended from highly refined base oils and proven performance additives to provide enhanced wear protection, thermo-oxidative stability, frictional characteristics and rust and corrosion protection.

Saheli PowerDrive HD-HTO is available in **SAE 10W** and **SAE 30** grades.

Features and Benefits

- Improved thermo-oxidative stability and protection of metal surfaces against scuffing and wear gives longer oil and equipment life
- Provides good protection against rust and corrosion to precision equipment components when operating in humid conditions
- Excellent foam control ensures effective transmission performance
- Good compatibility with all common seals, O rings and packing materials leads to reduced downtime
- Good oxidation stability controls premature oil thickening
- Very good low temperature fluidity (SAE 10W grade) ensures quick startup of equipment

Applications

- **SAE 10W:** Hydraulic oil in various heavy duty Dumpers, Dozers, Excavators, Tippers and Cranes used in construction and mining industry
- **SAE 30:** Transmission of heavy duty off-highway equipment used in earthmoving, mining, road transport and agricultural applications
- Heavy duty manual transmissions, gear boxes, final drives and hydraulic systems used in off-highway equipments for Earthmoving, agricultural, logging, construction and mining applications.
- Industrial torque converters and hydraulic systems where such type of fluids are specified

Specifications

- **API CF-2, CF, SF**
- IS 13656 EDL-3, Mack T-8A
- Caterpillar TO-2, Allison C-3, Daimler Benz 227.0/227.1

Test Parameters	Test Method	Typical Results	
SAE Viscosity Grade		10W	30
Density @ 15°C gm/cm ³	ASTM D1298	0.8918	0.8936
Viscosity Index	ASTM D2270	110	98
Viscosity @ 100°C (cSt)	ASTM D 445	6.00	11.00
Pour Point °C	ASTM D 97	-27	-15
Flash Point (COC) °C	ASTM D 92	226	238
T.B.N mg KOH/gm	ASTM D 2896	11.4	11.5

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.