

Product Data Sheet

Milking Power HD

Description and Applications

Saheli Milking Power HD is high performance oil specially developed for lubricating all components of reciprocating/ rotary vacuum pumps used in stationary or mobile milking machines. This oil is formulated with high quality base oils and carefully selected performance additives. Milking machine reliability is of the utmost importance in dairy management and therefore this product has been designed using field proven thermally stable anti-wear additive system that ensures ultimate equipment protection.

Features and Benefits

- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions
- Excellent thermo-oxidative stability controls the formation of sludge and varnish and improves oil life
- Exceptional anti-wear property results in longer pump and component life and reduces costs
- High Viscosity Index ensures optimum oil film thickness over wide range of operating temperatures
- Rapid air release property and excellent foam control minimizes chances of pump cavitations leading to trouble free operations
- Special rust and corrosion inhibitors protect multi-metallurgy components even in presence of moisture
- Compatible with the wide variety of metals and sealing materials commonly used in hydraulic systems

Applications

- Milking Machine Vacuum Pumps.
- Hydraulic systems operating under moderate to severe conditions in various milk handling hydraulics and equipments.

NOTE: Saheli Milking Power HD oil is NOT suitable for food grade applications and should not be permitted to come in contact with milk i.e. no incidental food contact.

Test Parameters	Test Method	Typical Results
Density @ 15°C gm/cm ³	ASTM D1298	0.881
Viscosity Index	ASTM D2270	99
Viscosity @ 40°C (cSt)	ASTM D 445	68.3
Pour Point °C	ASTM D 97	-33
Flash Point (COC) °C	ASTM D 92	218
Rust Test	ASTM D 665A/B	Pass
Emulsion Test 30 minutes max @ 54°C	ASTM D 1401	Pass
Foam test, foam after 10 minutes of settling for all sequences	ASTM D 892	Nil
FZG, fail load stage, minimum	DIN 51354 Part II	11

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.