

SUGAR PRESS OIL-1000

DESCRIPTION & APPLICATIONS

Sugar Press Oil is a special blend of organic and synthesized hydrocarbons with thixotropic properties to ensure a lubricating film with superior viscosity to resist highest load stresses in large roller mill thrust bearings of the extraction process. This oil has very good surface adhesion properties and form a film which resist water from contaminating juice and bagasse. Its special additives give high protection by minimizing metal to metal contact and wear to lower the temperature of the friction elements. This oil is designed to lubricate journal bearings, transmission brasses, crown wheels, transmission open gears, crystallizer transmission gears and rotating dryer gears.

PERFORMANCE BENIFITS

- Consumption savings up to 1:10 compared to asphaltic oils and 50% to sugar mill greases.
- Clean lubrications.
- Excellent protection against seizure and wear.
- Sugar Mill Oil-1000 is biodegradable.
- Very good water washout protection to the brass bushings.
- Extraordinary surface adhesion properties to the metal surface to maintain lubricating film always.
- Good pumpability without choking the centralised lubrication system.

Typical Properties

Properties	Test Method	SPO-1000
Kinematic Viscosity @40°C, cSt.	ASTM D445	16000 - 18000
Kinematic Viscosity @100°C, cSt.	ASTM D445	580 - 660
Colour	Visual	Amber
Density @29.50°C	ASTM D1298	0.90 - 0.93
Flash Point, (COC), °C.	ASTM D92	240
Evaporation loss @100°C, % wt.	ASTM D972	<2
Copper Strip Corrosion @100°C for 24hrs.	ASTM D4048	1A
Four-Ball EP Weld Load, kg	ASTM D2596	800
FZG Fail Stage (A/2.76/50)	DIN 51354	> 12
Operating Temperature Range, °C.	-	-5 to 150

*The values above are typical values. They do not constitute any contractual commitment.
Sales specifications are available on request. The present technical data sheet replaces all the previous edition.*

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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SLK ENTERPRISES

R.s No: 42/1, #104-3-15, Satellite City, Morampudi, Rajahmundry, Andhra Pradesh, India 533107
EMail : info@slkkruizer.com