



# MOGAS POWERPRESS EP

High performance, Semi-Synthetic non bitumastic lubricant

## Specification and Approvals

DIN 51517 - 3, ISO 12925-1 CKC

## Description

MOGAS Powerpress oil is high performance semi-synthetic, non bitumastic lubricant specifically manufactured to provide superior performance in sugar mill bearing lubrication. It contains friction reducing polymers formulated to reduce wear, improve energy efficiency and prolong equipment life.

It is a high viscosity, boundary protecting lubricant, blended from selected synthetic and hydrocarbon base stocks blended with extreme pressure, corrosion and wear inhibitors in order to minimize plain bearing and steel roller wear and keep normal bearing temperatures under the most extreme operating conditions.

## Features and Benefits

- ◆ EP additives blended in synthetic thickeners combined with high viscosity base stock helping to maintain a separating film between the loaded surfaces.
- ◆ Low co-efficient of friction and Very good anti-wear properties resulting in less stress on the power train parts.
- ◆ Very good mechanical stability and resistant to mild acid, alkaline solutions and water washout.
- ◆ Unlikely to present any health or safety hazard under normal proper use.

## Applications

Slow moving heavily loaded bearings existing on sugar mills, cement mills journals, open gears, etc.

## Typical Properties

Test Parameters	Test Method	EP 1500	EP 2200	EP 3000	
Color	Visual	C & B	C & B	C & B	
Density @ 15 °C	kg/m3	ASTM D 4052	945	943	942
Base oil Viscosity @ 40°C	mm2/s	ASTM D 445	1500 +/- 5%	2200 +/- 10%	3000 +/- 10%
Viscosity @ 100°C	mm2/s	ASTM D 445	To Report	To Repot	To Report
Viscosity Index, Min	ASTM D 2270	80	90	97	
Pour Point	°C	ASTM D 97	-5	4	5
Flash Point, (COC), Min.	°C	ASTM D 92	>250	>250	>250
Operating temperature range	°C	-	10 to 200	10 to 200	10 to 200
FZG A/8, 3/90 scuffing load step	DIN 51 354/2	>13	>13	>13	
Anti-rust SKF- EMCOR, rating	DIN 51 802	0-0	0-0	0-0	

The typical characteristics mentioned represent mean values

## Health and Safety

This product used as per our recommendation for the intended application is not expected to produce any particular risk. A safety data sheet of it is available upon request from our sales contact office or on our website. In case of used oil disposal, please respect the Regulations to protect the environment.