



# SUGAR MILL OIL PLUS

PSO Sugar Mill Oil Plus series is an outstanding combination of a highly refined high flash point virgin base oil, a superior bitumen and a reliable extreme pressure additive to give additional load-carrying capability and extra film strength to heavily loaded large open gears and slow-moving mill house bearing applications.

## Benefits

- Good oil film forming characteristics.
- Excellent load carrying and extreme pressure properties.
- Withstands shock load conditions without rupturing the oil film.
- Good corrosion resistance.

## Applications

- Specially designed for lubrication of mill house bearings of sugar mill industries where total loss lubrication system is deployed, and requires viscous lubricants with high load carrying properties.
- Applicable to open gears where oil stickiness and consistency must be maintained, so that oil is not thrown off by the centrifugal force as the gears rotates.

## Typical Characteristics\*

PROPERTIES	METHODS	TYPICAL RESULTS			
		3200	3800	4200	4500
Density @ 15°C, kg/L	ASTM D-4052	0.9851	0.9871	0.9884	0.9951
K. Viscosity @ 100°C, cSt	ASTM D-445	88.10	101.9	155.3	205.4
Phosphorous, % Wt.	ASTM D-4951	0.02	0.02	0.02	0.02
Flash Point (COC), °C	ASTM D-92	220	228	234	244
Pour Point, °C	ASTM D-97	9	9	15	27

\*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from [lubricants.technical@psopk.com](mailto:lubricants.technical@psopk.com)