



PAKISTAN STATE OIL

# PSO SUGAR MILL OIL PLUS

## PRODUCT DESCRIPTION

PSO SUGAR MILL OIL PLUS is the blend of high quality high flash point paraffinic virgin base oil and superior quality bitumen. The oil is fortified with extreme pressure additives to provide maximum protection in Mill House Bearing and large open gear applications and improved resistance to the rust and corrosion and has water displacement property. This oil provides excellent load carrying properties under boundary lubrication and available in three viscosity grades to meet the specific application requirements.

## 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 sticky consistency is required so that the oil is not thrown off by centrifugal force as the gear rotates.

## BENEFITS

PSO SUGAR MILL OIL PLUS provides:

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

## PRODUCT CHARACTERISTICS\*

PROPERTIES	METHOD	TYPICAL RESULTS		
		3200	3800	4200
Density @ 15°C	ASTM D-4052	0.982	0.984	0.997
Kinematic Viscosity @ 100°C, cSt.	ASTM D-445	85.12	100	152
Flash Point (COC), °C	ASTM D-92	225	225	250
Pour Point, °C	ASTM D-97	12	15	18
Phosphorous, % Wt.	ASTM D-4951	0.005	0.005	0.005

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



### HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



### ENVIRONMENT PROTECTION

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



### ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.