



# LUBRICANTS

POWER TO PERFORM

## HP FILM OIL BEARING OILS FOR STEEL PLANTS

### SPECIAL FEATURES

HP FILM OILS are highly refined mineral oils suitable for oil film bearings used in steel plants. The product is blended from solvent extracted high viscosity index base stocks having excellent demulsibility characteristics. They also possess good oxidation and thermal stability.

### SPECIFICATIONS

HP FILM OIL grades meet IPSS 1-09-001-95 GRADE 1 TO 6 & IS : 6552-1987

### APPLICATION AREA

HP FILM OIL grades are recommended for use in anti-friction bearings, plain bearings, drive gears and pinion of steel mills, where operating conditions are moderate. They are also suitable for use in circulation systems, where oils with high demulsibility characteristics are required.

### PHYSICO-CHEMICAL PROPERTIES

	HP FILM OIL				
	46	68	100	150	220
Appearance	Bright & Clear				
Kinematic, Viscosity, cSt, @ 40°C	46	68	100	150	220
Kinematic, Viscosity, cSt, @ 100°C	4.0	5.0	6.1	7.8	10.1
Viscosity Index, Min	90	90	90	90	90
Flash Point, COC, °C, Min.	160	190	200	210	230
Pour Point, °C, Max.	(-)18	(-)18	(-)15	(-)12	(-)12
Copper Strip Corrosion, @ 100°C For 3 Hrs.	Pass				
Emulsion Characteristics, In 20 Minutes, ml, At 54°C At 82°C	40-37-3		40-37-3		

### PERFORMANCE BENEFITS

- Excellent oxidation stability
- High demulsibility
- Non-corrosive to materials