

### DESCRIPTION

Servosyngear 1000 SF is industrial gear lubricants formulated from synthesized hydrocarbon based fluids combined with suitable additive package. It is compatible with bronze and contains antirust, EP & metal deactivators to avoid corrosion at elevated temperature. Compatible with the metallurgy of worm gear made of carbonised steel and worm wheels made of bronze.

### APPLICATION

This grade is recommended for lubrication of grinding rollers of vertical cement rolling mill. System should be cleaned and flushed thoroughly to achieve the maximum performance benefits. Since high VI is the inherent property of this fluid, no loss of viscosity as a result of mechanical shear.

### PERFORMANCE BENEFITS

- Better high temperature oxidation stability
- Improved low temperature fluidity.
- Improved compatibility with metallurgy of worm gear system.
- Lower operating temperature / extended lubricant life.
- Reduced power consumption.

### PERFORMANCE STANDARDS

This product was developed for anti-friction bearing of grinding rollers of vertical cement rolling mill of Binani Cement.

### CHARACTERISTICS

ISO VG GRADE	1000 SF
K. Vis. @ 40°C, cSt	900 – 1100
K. Vis. @ 100°C, cSt	82.3
Viscosity Index, Min	135
Flash Point, COC, °C, Min	260
Pour Point, °C, Max	(-) 15
TAN mg KOH/gm (T)	0.50
FZG Load Stage, Pass	14
Wear Scar Dia. MM @ 40Kg	0.35
4 Ball, Weld Load, Kg (T)	200

### HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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