

DESCRIPTION

Servosteel EP 100 Plus is an extra duty circulating oils, developed specially for the lubrication of bearings and the gear boxes of "NO TWIST WIRE ROD" Mill of steel plants. This oil has been formulated with a unique chemistry of ashless additives and Group II base oils, making this oil excellently demulsifiable when compared to conventional ash containing bearing oils available commercially.

APPLICATION

Servosteel EP 100 is recommended for application of bearing block of Morgan, ASHLOW, bragard shammers, SMS Demag and Danielly, equipments which are offering systems for "NO TWIST" rod mills.

This oil is also suitable for low to high speed gearing (10,000 ft per minute) and even for new mills design of 15,000 ft per minute, heavily loaded Shafts, bearing and housings.

PERFORMANCE BENEFITS

Servosteel EP 100 Plus -

- ❖ Provide Optimum viscosity at operating temperatures
- ❖ Posses good protection against rust and corrosion
- ❖ Provide high oxidation resistance and stability.
- ❖ Has excellent water separation characteristics.
- ❖ Has good load bearing capacity to take care gear train lubrication.
- ❖ Additionally providing superior anti-wear characteristics.

PERFORMANCE STANDARDS / MANUFACTURERS APPROVAL

- ❖ It meets the morgoil advanced lubricants New Oil, Revision 2.1, March 2002, Specifications including dynamic demulsibility endurance test requirements.
- ❖ It passes the Morgan revised specifications in UEC, CMS Lab, Pittsburg, USA which is an accredited Lab of M/s. Morgon Construction Corpn., USA.
- ❖ M/s. SSS Technologies, Bangalore has approved the oil for the lubrication of ASHLOW block unit comprising of roll bearings, Gear Box etc supplied for No-TWIST WIRE ROD Mills.

CHARACTERISTICS

| GRADE | 100 |
|---------------------------------------|-------------------------|
| Kinematic Viscosity, cSt @ 40°C | 95-105 |
| Kinematic Viscosity, cSt @ 100°C | 10.98 |
| Viscosity Index, Min | 100 |
| Flash Point (COC), °C Min. | 248 |
| Pour Point, °C Max. | (-) 12 |
| Dynamic demulsibility @ 52°C, 30 mins | |
| % water in oil after centrifuging | 4.8 |
| % oil in water after centrifugion | NIL |
| Demulsibility @ 82°C in mins. | 41 – 39 – 0 (10) |
| FZG rating | 12 th (Pass) |

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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