

PRODUCT DATA SHEET

SERVO STEEROL C 25



DESCRIPTION

Servosteerol C 25 is a water emulsion base Rolling oil formulated with highly refined base stock and performance based additives. This oil has been developed for use in 6 HI Cold Rolling Mills. The capability of this oil is to provide desirable co-efficient of friction between the Roll bites. The concentration of oil in emulsion depends on the degree of surface finish, Roll diameter, rolling speed and percentage reduction.

PERFORMANCE BENEFITS

1. Provides improved surface finish.
2. Reduces Roll force.
3. Enhances life of Bearing.
4. Improves reflectance of the rolled sheet.
5. Ensures thickness reduction.

APPLICATION

The emulsion of oil is pumped on the Work Roll and subsequently in bearings. A dedicated celler is maintained for round the clock lubrication through continuous filtration and separation of iron fines through magnetic separator. The recommended temperature of emulsion is 45 – 55 Deg C. Suggested oil concentration in emulsion

- 2.5% for rolling down to 0.3 mm
- 3.0% for rolling down to 0.2 mm
- 3.5% for rolling down to 0.1 mm

PERFORMANCE STANDARDS

Approved by M/s. Bhushan Steel, Sahibabad for use in their 6 Hi- Cold Rolling Mill.

CHARACTERISTICS

	Steerol C 25
Kinematic Viscosity @ 40 Deg C, cSt	38 - 46
Flash Point, COC, Deg C	200
Acid Number, mg/KOH/g	9 - 17
Saponification Number	208 - 220
pH of 5% Vol. Emulsion in distilled water	5.0 - 7.0

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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