

# SERVO<sup>®</sup> PRODUCT DATA SHEET

## SERVOFILM

IndianOil

### GRADES AVAILABLE - SERVOFILM 32/46/68/100/121\*/150/176\*/220/257\*/320/460

#### DESCRIPTION

Servofilm oils are highly refined straight mineral oils having excellent water separation characteristics.

These are blend cuts from solvent refined high viscosity index base stocks having inherent oxidation and thermal stability.

#### PERFORMANCE BENEFITS

Servofilm oils

- Have good resistance to formation of deposits and sludge at normal operating temperatures
- Rapidly separate from water

#### APPLICATION

Servofilm oils suitable for use in oil film bearings in steel mills. These oils are also recommended for use in circulation systems where non-additive type lubricants with high demulsibility characteristics are required.

#### PERFORMANCE STANDARDS

Servofilm oils meet the following specification:

- IPSS 1-09-001-81
- Morgan Construction Co. USA

Servofilm 46 and 257 meet the following specification:

- IS: 6552 – 1972 Grade 1 and 2 respectively with minor deviation in pour point requirements

### CHARACTERISTICS

| ISO VG                          | 32        | 46         | 68         | 81         | 100         | 121*         | 150          | 176*        | 220         | 257*        | 320          | 460          |
|---------------------------------|-----------|------------|------------|------------|-------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|
| Kin. Vis.<br>cSt @ 40°C         | 29–<br>33 | 43 –<br>48 | 64 –<br>72 | 78 –<br>86 | 95 –<br>105 | 118 –<br>124 | 145 –<br>155 | 165–<br>176 | 210–<br>230 | 255-<br>265 | 300 –<br>340 | 440 -<br>480 |
| Viscosity<br>Index, Min         | 95        | 95         | 95         | 90         | 90          | 90           | 90           | 90          | 90          | 90          | 90           | 90           |
| Flash Point<br>(COC), °C<br>Min | 190       | 190        | 204        | 204        | 216         | 220          | 230          | 230         | 230         | 232         | 236          | 238          |
| Pour Point,<br>°C Max.          | 0         | 0          | 0          | 0          | 0           | 0            | 0            | 0           | 0           | 0           | 0            | 0            |

\* NON ISO VG Grade

### 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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