

DESCRIPTION

Servomesh SP oils are extreme pressure type industrial gear lubricants. These oils demonstrate improved thermal stability and oxidation resistance over conventional lead-naphthenate oils. They have good demulsibility characteristics, low foaming tendency and provide rust and corrosion protection to metal surfaces.

PERFORMANCE BENEFITS

- Have reduced tendency to foam
- Provide high load carrying ability
- Ensure excellent wear protection
- Ensure long service life since they have good oxidation and thermal stability
- Minimise the formation of sludge and deposits, even at high bulk oil temperatures
- Ensure ready separation from water due to good demulsibility property
- Protect metals against rust and corrosion

APPLICATION

Servomesh SP oils are recommended for all types of enclosed gear drives with circulation or splash lubrication systems. Servomesh SP oils are particularly recommended for gear sets working under heavy or shock load conditions. These oils can be used in systems involving gears, plain bearings, roller bearings and sliding surfaces. They are also suitable for chain drives, sprockets, flexible couplings, plain and rolling element bearings employing splash, circulation and spray lubrication systems.

PERFORMANCE STANDARDS

- AGMA standard 250.04
 - ASLE standard G-315, G-1000, G-1500 and G-2150
 - IS: 8406 – 1993
 - US Steel requirement No. 222 and 224
- Servomesh SP 68, 100, 150, 220, 320 and 460 meet Cincinnati Milacron, USA specification No. P-63, P-76, P-77, P-74, P-59 & P-35 respectively.

MANUFACTURERS' APPROVAL

Servomesh SP oils are approved by

- Cincinnati Milacron, USA
- David Brown Gear Industries Ltd., UK

CHARACTERISTICS

| ISO VG | 68 | 100 | 150 | 220 | 257 | 320 | 460 | 680 | 1000 |
|---------------------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Kin. Viscosity cSt @ 40°C | 64 - 72 | 95 - 105 | 145 - 155 | 210 - 230 | 250 - 280 | 320 - 350 | 420 - 500 | 615 - 660 | 980 - 1050 |
| Viscosity Index, Min. | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 |
| Flash Point (COC), °C Min | 204 | 204 | 204 | 232 | 232 | 232 | 232 | 232 | 280 |
| Pour Point, °C Max. | (-) 6 | (-) 6 | (-) 6 | (-) 3 | (-) 3 | (-) 3 | (-) 3 | (-) 3 | (+) 6 |
| FZG Rating, 12th Stage | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass | 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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