

Product Data Sheet

Servomesh SP

Industrial Gear Lubricants



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.

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.

Approvals / Performance Standards / Recommendations

- AGMA standard 9005-D94
- ASLE standard G-315, G-1000, G-1500 and G-2150
- IS: 8406 – 1993 (Reaffirmed 2016)
- AIST 224 (formerly US Steel 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

Typical Physical Characteristics

Parameters	Method	68	100	150	220	257	320	460	680	1000	1500
Kin. Viscosity @ 40°C, cSt	D 445	68	100	151	222	258	322	462	681	1002	1500
Viscosity Index	D 2270	98	97	97	96	96	95	94	92	88	88
Flash Point (COC), °C	D 92	220	224	232	244	246	248	251	268	296	290
Pour Point, °C	D 97	(-) 9	(-) 9	(-) 6	(-) 6	(-) 6	(-) 3	(-) 3	(-) 3	(-) 3	(-) 3
FZG Load Stage, Pass	DIN 51354	12 th	12 th	12 th	12 th	12 th	12 th	12 th	12 th	12 th	12 th

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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