

# Product Data Sheet

## Servomesh XP

Anti-Micropitting Industrial Gear Oil



### Description

Servomesh XP oils are advanced extreme pressure type industrial gear lubricants specially formulated for today's gear boxes to protect against severe micropitting. These oils demonstrate improved shock loading, thermal stability and oxidation resistance over conventional gear oils. They have good demulsibility characteristics, very low foaming tendency and provide rust and corrosion protection to metal surfaces.

### Performance, Features and Benefits

- Improved protection from micropitting
- Extended component life; reduced wear
- Minimize the formation of sludge and deposits, even at high bulk oil temperatures
- Reduced tendency to foam
- Provide higher load carrying ability
- Ensure long service life.
- Ensure ready separation from water due to good demulsibility property
- Protect metals against rust and corrosion

### Application

Servomesh XP oils are specially recommended for applications where higher load bearing characteristics are required and which may be subjected to severe micropitting i.e. heavily loaded industrial gear boxes including planetary gear boxes. Servomesh XP oils are also recommended for case hardened gear sets working under heavy or shock load conditions. Oil is also ideally suitable for cement / steel / power / mining applications.

### Approvals / Performance Standards / Recommendations

- AGMA 9005 F16
- AIST 224 (formerly USS 224)
- DIN 51517 CLP Part 3
- David Brown S1.53.101
- Cincinnati Milacron, USA
- SEB 181 – 226
- ISO 12915-1
- Flender gear oil requirements

Approved by OEMs like : KHDHumboldt GmbH, Danieli Italy and ELECON.

### Typical Physical Characteristics

Parameters	Method	68	100	150	220	320	460	680	1000
Kin. Viscosity @ 40 °C, cSt	D 445	68	99	151	222	317	462	674	942
Viscosity Index	D 2270	98	97	97	96	100	94	90	82
Flash Point (COC), °C	D 92	220	228	232	232	260	260	243	291
Pour Point, °C	D 97	(-)18	(-)18	(-)15	(-)12	(-)21	(-)12	(-)6	0
FZG scuffing Pass load stage(A/8.3/90)	DIN 51354	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>	14 <sup>th</sup>
Timken OK load, lbs	D 2782	65	65	65	70	70	70	70	70

### 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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