

DESCRIPTION

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

APPLICATION

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

PERFORMANCE BENEFITS

- Improved protection from micropitting fatigue.
- 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

PERFORMANCE STANDARDS

- AGMA 9005 E-02
- US Steel requirement No.224
- DIN 51517 CLP Part 3
- David Brown S1.53.101
- Cincinnati Milacron, USA
- SEB 181 - 226

CHARACTERISTICS

ISO VG	68	100	150	220	320	460
Kin. Viscosity cSt @ 40°C	64.7 – 71.3	96 -104	147 – 153	212 -228	320 -350	420 -500
Viscosity Index, Min	90	90	90	90	100	95
Flash Point (COC), °C Min	204	204	204	232	260	260
Pour Point, °C Max.	(-)12	(-)12	(-)9	(-)9	(-)12	(-)12
FZG Rating, Load Stage	14 th Pass	14 th Pass	14 th Pass	14 th Pass	14 th Pass	14 th Pass
FVA/54 Micropitting test, Fail stage/endurance test	10 / High	10 / High	10 / High	10 / High	10 / High	10 / High
Four Ball EP test, Weld load – Kgs	250	250	250	250	280	280
Timken OK load test, lbs	65	65	65	70	70	70

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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