

DESCRIPTION

Servomesh Plus oils are advanced extreme pressure type industrial gear lubricants specially formulated to protect against micropitting. These oils demonstrate improved 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 Plus Oils are specially recommended for applications, which may be subjected to micropitting i.e. heavily loaded industrial gearboxes including Planetary, Wind Mill gearboxes. Servomesh Plus oils are also recommended for gear sets working under heavy or shock load conditions.

PERFORMANCE BENEFITS

- Improved protection from micropitting fatigue
- Extended component life.
- Excellent wear protection
- Excellent cleanliness by preventing sludge formation.
- Reduced tendency to foam
- Provide high load carrying ability
- Ensure ready separation from water due to good demulsibility property.
- Protect metals against rust and corrosion

PERFORMANCE STANDARDS

- AGMA 9005 – D95
- US Steel 224
- DIN 51517 CLP
- David Brown S1.53.101
- Cincinnati Milacron.
- SEB 181-226

CHARACTERISTICS

ISO VG	46	68	100	150	220	320	460	680	1000
Kin. Vis. cSt @ 40°C	42.5 – 49.5	64 - 72	95 -105	145 -155	210 -230	320 -350	420 -500	615 -660	985-1045
Viscosity Index, Min.	90	90	90	90	90	90	90	90	80
Flash Point (COC), °C Min	170	204	204	204	232	232	232	232	280
Pour Point, °C Max.	(-) 6	(-) 6	(-) 6	(-) 6	(-) 3	(-) 3	(-) 3	(-) 3	6 max
FZG Rating, Fail Load Stage *	13th	13th	13 th	13 th	13 th	13 th	13 th	13 th	13th
FVA/54 Micropitting Test, Fail Stage / endurance test	10/hig h	10/high	10/Hig h	10/High	10/High	10/High	10/High	10/High	10/high

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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