

SERVOMESH GOLD

GRADES AVAILABLE - SERVOMESH GOLD 150 / 220 / 320 / 460

DESCRIPTION

Servomesh Gold series are high performance industrial gear oils formulated to ensure optimum equipment protection and oil life even under severe conditions. Servomesh Gold oils are based on high quality mineral base stocks and advanced additive system developed to provide excellent protection against conventional wear such as scuffing, etc. and also provide resistance against micropitting fatigue. It has excellent compatibility with ferrous and non-ferrous metals even at elevated temperature. These oils demonstrate improved thermal stability and oxidation resistance over conventional industrial gear oils. They have good demulsibility characteristics, low foaming tendency and provide rust and corrosion protection to metal surfaces.

APPLICATION

Servomesh Gold Oils are specially recommended for the lubrication of gear boxes using forced circulation or splash, oil bath lubrication. These oils are used for heavily loaded industrial gearboxes in paper, steel, cement industries, etc. These oils are recommended for the lubrication of helical, bevel and planetary type of gear units.

PERFORMANCE BENEFITS

- Improved protection from micropitting fatigue
- Reduced tendency to foam
- Ensure ready separation from water due to superior demulsibility property
- Protect metals against rust and corrosion
- Superior resistance to oil degradation at high temperature
- Excellent cleanliness by preventing sludge formation
- Provide high load carrying ability
- Excellent wear protection
- Exceeds FAG FE-8 as per DIN 51819-3
- Extended equipment life

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PERFORMANCE STANDARDS

Servomesh Gold oils meet the requirements of;

- Siemens Rev. 13 for Flender gear units
- AGMA 9005 E02
- US Steel 224
- DIN 51517 CLP (Part 3)
- SEB 181226

CHARACTERISTICS

ISO VG	Method	150	220	320	460
Kin. Vis. @ 40°C, cSt	D 445	145 - 155	210 - 230	320 - 350	420 - 500
Viscosity Index, Min.	D 2270	90	90	90	90
Flash Point (COC), °C Min	D 92	204	232	232	232
Pour Point, °C, Max.	D 97	(-) 12	(-) 9	(-) 9	(-) 9
Demulsibility, time in Mins. 40-37-3, Max	D 1401	10	15	15	20
Weld Load, Kgs., Min	D 2783	250	250	250	250
Four Ball Wear Test @ 54 Deg C, 1800 rpm, 20 kg, 1 hr, mm	D 2266	0.3	0.3	0.3	0.3
Timken OK Load, Lbs, Min	D 2782	60	60	60	60
FZG Rating, Fail Load Stage	DIN 51354 (A 8.3/90) (A 16.6/90)	>12 >12	>12 >12	>12 >12	>12 >12
FVA/54 Micropitting Test, Load Stage / Endurance test	FVA/54	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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