

DESCRIPTION

Servomesh EE oils are Energy Efficient industrial gear oils, represent a new and significant advancement in gear lubricant technology. It satisfies the new era's demands – "Energy Savings" and "Resource Conservation" through reduction in frictional losses, extension of gear life and prevention of irregular wear.

The superior performance of these oils has been proven in field conditions especially in heavily loaded industrial gear systems. The oils demonstrate improved thermal stability and oxidation resistance over the conventional Sulphur-Phosphorus (S-P) gear oils. These oils possess good demulsibility, low foaming tendency and provide excellent rust and corrosion protection to metal surfaces.

PERFORMANCE BENEFITS

- Improve gear efficiency.
- Have outstanding load carrying ability.
- Reduce power consumption and provide energy savings.
- Lower bulk oil temperature.
- Provide smooth running through reduced vibration and noise.
- Minimise formation of sludge and deposits even at high temperatures.
- Protect components against rust and corrosion

APPLICATION

Servomesh EE gear oils provide significant energy savings in industrial gear systems when compared to conventional S-P gear oils. Servomesh EE gear oils meet the most stringent requirements of the modern gear lubricant. These oils are recommended for all types of enclosed gear drives, heavily loaded bearings and industrial gears running at high speeds, high pressures and under impact loads with circulation or splash lubrication systems.

PERFORMANCE STANDARDS

Servomesh EE gear oils meet the following specifications:

- US STEEL 224
- DIN 51517 PART 3
- DRAVID BROWN SL:53.101
- FORD MOTOR CO. M-2C 142C
- CINCINNATI MILACRON P-59
- IPSS-1-09-003
- AGMA 250.04
- IS: 8406 : 1993

CHARACTERISTICS

ISO VG	220	257	320	460	680
Kinematic Viscosity @ 40°C, cSt	210-230	250-280	320 – 350	420 - 500	615 – 660
Viscosity Index, Min.	90	90	90	90	90
Flash Point (COC), °C, Min.	230	230	232	232	232
Pour Point, °C, Max	(-) 3	(-) 3	(-) 3	(-) 3	(-) 3
Rust test (D-665 B)	Pass	Pass	Pass	Pass	Pass
FZG, Rating Stage, Pass	12	12	12	12	12

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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