



# GEARMESH EP-1000

## INDUSTRIAL GEAR OIL

### GEAR OIL / EP-1000 (API GL5/MIL-L-2105)

#### PRODUCT DESCRIPTION

Gearmesh grades are premium quality lubricants fortified with sulphurphosphorous type of ep additives in gl-5 generation. They Have excellent anti-foam, anti-rust, anti-oxidation and demulsification characteristics making them ideal for systems subjected to Heavy shock loads. Gearmesh grades are marketed over a wide viscosity ranges to take care of the variety of speed- load conditions Encountered by the industries. These oils contain chemically active additives, which react with the metals of the gear's teeth to form An anti-welding film between them.

#### APPLICATIONS

Gearmesh grades are recommended for all heavy duty enclosed gear drives with circulation or splash lubrication system operating under Heavy or shock load conditions.

#### PERFORMANCE LEVEL

- EP-1000, API GL - 5
- Meets IS : 8406 -1993 (RA 2006), DIN 51517 Part 3

#### BENEFITS

- The special mild-EP additive and corrosion inhibitor system is non-corrosive towards sensitive copper alloy components and protects ferrous metals against rusting in the presence of moisture.
- Good thermal stability keeps gear cases and bearings clean and free from harmful deposits.
- The special sulfur-phosphorus mild-EP additive system provides good load carrying capacity to resist gear tooth wear and scoring.
- The highly reined base oil and special inhibitor system provide good oxidation stability to resist oil degradation and thickening in service.

#### TYPICAL PROPERTIES

CHARACTERISTICS	GEARMESH EP-1000
Kinematic Viscosity @ 40°C (mm <sup>2</sup> /s)	1000
Appearance	amber
Carbon Residue, Rams,%WT.	0.53
Density @ 15°C,kg/dm <sup>3</sup>	0.90
Flash Point (°C, COC)	315

*This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.*

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