

GEARMAX EP 320

High Performance Industrial Gear Lubricant

LSTÜMPA GEARMAX EP 320 is a premium quality straight mineral industrial gear oil formulated with high viscosity index base stocks to provide reliable lubrication for heavy-duty industrial gear systems. It is specifically recommended where SAE 320 viscosity grade mineral oil is specified by equipment manufacturers.

The formulation is compatible with systems containing copper or bronze components and is designed to minimize the risk of corrosion associated with sulfur-phosphorus additive chemistries.

APPLICATIONS

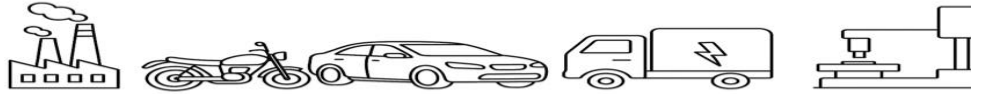
- Industrial enclosed gear drives
- Heavy-duty reduction gear systems
- Circulating oil systems requiring ISO VG 320
- Equipment containing copper and bronze components
- Industrial machinery operating under moderate to high load conditions

Performance Standard

API GL4

KEY FEATURES & BENEFITS

- **High Viscosity Index** – Maintains optimal lubricant film thickness across a wide temperature range, reducing wear and metal-to-metal contact.
- **Excellent Rust Protection** – Protects gear surfaces from corrosion, extending equipment service life.
- **Superior Anti-Foam Characteristics** – Ensures consistent lubrication by minimizing air entrainment and surface foam formation.
- **Strong Oxidation Stability** – Resists oil degradation, sludge formation, and viscosity breakdown for extended service intervals.
- **Stable Lubricating Film** – Provides reliable load-carrying performance under demanding industrial conditions.



Key Properties

Characteristics	Test Method	Typical Value
Density @ 29.5°C (kg/l)	ASTM D4052	0.886
Kinematic Viscosity @ 100°C (cSt)	ASTM D445	26
Kinematic Viscosity @ 40°C (cSt)	ASTM D445	319
Viscosity Index	ASTM D2270	108
Pour Point (°C)	ASTM D97	-6
Flash Point, COC (°C)	ASTM D92	250

HEALTH & SAFETY

LSTÜMPA GEARMAX EP 320 is not classified as hazardous under normal industrial use conditions. Users are advised to refer to the latest Material Safety Data Sheet (MSDS) for detailed handling, storage, and disposal guidelines.

STORAGE & HANDLING

Store in a cool, dry place away from direct sunlight. Keep containers tightly closed to prevent contamination. Proper storage conditions help maintain product integrity and performance characteristics.

DISCLAIMER

The information contained herein is based on laboratory testing and practical experience. Values shown are typical and may vary slightly within manufacturing tolerances. Users should ensure suitability for their specific application before use.