

U1P-Gear Conventional Gear Oil

ISO 320 EP

Industrial | United States

Product Description

U1P-Gear ISO 320 EP Gear Oil is formulated combining 100% virgin mineral base stocks with an Ultra-premium high performance additive package specially designed to impart enhanced film strength.

These specialty anti-scuffing compounds, which provide advanced protection and lubricity in extreme pressure conditions, consist of sulfur-phosphorous based EP technology for modification of gear rubbing surfaces to prevent welding and galling from inadequate film strength.

Furthermore, U1P-Gear ISO 320 EP Gear Oil is formulated to resist and provide extra protection against rust, oxidation, foaming, moisture, and varnish.

Features and Benefits

- Inhibit rust and corrosion.
- Long equipment life.
- Extreme pressure protection.
- Excellent dispersant properties.
- Excellent lubrication flow characteristics over very wide temperature ranges.
- Protection from galling, scuffing, and welding of gear teeth.
- Non-corrosive to bronze, brass, copper, and other copper alloy parts.



Product Code

Presentation	SKU	Manufacture ID	UPC
5 Gallon Pail	UC320P	UL708	810050654425
55 Gallon Drum	UC320D	UL708	810050654418
265 Gallon Tote	UC320T	UL708	810050654401

This product meets or exceeds the requirements of:

Recommended for the lubrication of slides, ways, sprockets, chain drives, winches, hoists, and machine tools. Additionally, U1P-Gear ISO 320 EP Gear Oil meet the following performance requirements:

DIN 51517-3 (CLP)

AGMA EP 9005-E02

U.S. Steel 224

Cincinnati Machine P-59 (ISO 320)

Technical information*

Parameter	Result
Appearance	Amber, liquid
Viscosity @ 40°C, cSt, ASTM D445	320.0
Viscosity @ 100°C, cSt, ASTM D445	26.75
Viscosity index, ASTM D2270	110
Pour Point, °F (°C)	-4 (--20)
Flash Point, COC, °F (°C)	446 (230)

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

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