

U1P-Gear – Conventional Gear Oil

EP ISO 680

Industrial | United States

Product Description

U1P-Gear Extreme Pressure (EP) ISO 680 Gear Oil is formulated combining highly refined paraffinic base stocks with an Ultra-premium extreme pressure 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 EP ISO 680 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	UFS680EPP	UL718	810111116602
55 Gallon Drum	UFS680EPD	UL718	810111116619
265 Gallon Tote	UFS680EPT	UL718	810111116626

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 EP ISO 680 Gear Oil meet the following performance requirements:

AGMA 9005-E02

US Steel 224

DIN 51517 (CLP)

Technical information*

Parameter	Result
Appearance	Amber, liquid
Viscosity @ 40°C, cSt, ASTM D445	680.0
Viscosity @ 100°C, cSt, ASTM D445	100.54
Viscosity index, ASTM D2270	105
Pour Point °C, ASTM D97	5
Flash Point °C, ASTM D92	250

*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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