

U1P-Gear Conventional Gear Oil

ISO 460 EP

Industrial | United States

Product Description

U1P-Gear ISO 460 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 4600 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	UC460P	UL709	810050654487
55 Gallon Drum	UC460D	UL709	810050654470
265 Gallon Tote	UC460T	UL709	810050654463

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 460 EP Gear Oil meet the following performance requirements:

AGMA 9005 D-24, 250.04, 251.02

US Steel 224

DIN 51517 Part 3

ISO 12925-1 type CKC

API Service GL-2

Cincinnati Machine/Milacron

Technical information*

Parameter	Result
Appearance	Amber, liquid
Viscosity @ 40°C, cSt, ASTM D445	460
Viscosity @ 100°C, cSt, ASTM D445	32.0
Viscosity index, ASTM D2270	100
Pour Point, °C	-15
Flash Point, °C	290

*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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