

Ultra1Plus™ EP Gear Oil ISO VG 680

Industrial – United States

Product Description

Ultra1Plus™ EP Conventional Gear Oil ISO VG 680 is formulated with highly refined paraffinic base stock plus extreme pressure performance additives 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, **U1Pgear EP Gear Oil ISO VG 680** is formulated to resist and provide extra protection against rust, oxidation, foaming, moisture, and varnish.

Features and Benefits

- EP wear protection of gears and bearings.
- Resistance to sludge formation leads to outstanding system cleanliness.
- Very good oxidation resistance for long oil charge life.
- Very good demulsibility to ease water removal.

Suitable for Use

DIN 51517-3 (CLP)

U.S. Steel 224

AGMA EP 9005-E02

Properties and Specifications*

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.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.



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