

U1P-Gear - Full Synthetic Gear Oil

SAE 75W-90 API GL-5, MT-1

Transmission | United States

Product Description

U1P-GEAR SAE 75W-90 Synthetic Limited Slip Gear Oil, API GL-5, MT-1 is formulated with synthetic base oils and performance additives to provide improved high-temperature thermal and oxidative stability in a wide range of operating conditions. Specialty anti-scuffing additives and friction modifiers provide advanced protection and lubricity in extreme pressure conditions. Additionally, U1P-GEAR SAE 75W-90 Synthetic Limited Slip Gear Oil, API GL-5, MT-1 is highly shear stable while also resisting rust, oxidation, foaming, and varnish.

U1P-GEAR SAE 75W-90 Synthetic Limited Slip Gear Oil, API GL-5, MT-1 is designed for use in all seasons and exceeds the year-around, all-weather performance viscosity requirements of SAE J306 as well as the rigorous performance requirements of API GL-5 and MT-1. API Category GL-5 designates the type of service characteristic of gears, particularly hypoids in automotive axles under high-speed and/or low-speed, high-torque conditions. Lubricants meeting API MT-1 provide protection against the combination of thermal degradation, component wear, and oil seal deterioration which is not provided by lubricants meeting only the requirements of API GL-5. These oils also meet or exceed the performance requirements of the following industry and OEM specifications: API GL-5, API MT-1, Mack GO-J Plus (75W-90), SAE J2360, and Meritor O76-E.

Features and Benefits

- Strong and stable lubrication film for minimum wear.
- Extended gear and bearing life due to minimal deposits.
- Exceptional thermal stability and resistance to high-temperature oxidation.
- Reduced maintenance costs by extending the life of seals and other components.
- Increased load-carrying capability.
- Adequate lubrication at extremely low and high temperatures.
- Minimum leakage and reduced contamination.
- With Limited Slip Differential additive package.



Product Code

Presentation	SKU	Manufacture ID	UPC
1.05 QT / 1 Liter	UFS7590GL5L	UL703	810050654142
1 US Gallon	UFS7590GL5G	UL703	810050654135
5 Gallon Pail	UFS7590GL5P	UL703	810050654128
55 Gallon Drum	UFS7590GL5D	UL703	810050654111
265 Gallon Tote	UFS7590GL5T	UL703	810050654104



This product meets or exceeds the requirements of:

API GL-5
API MT-1
Mack GO-J Plus (75W-90)
Meritor O76-E
SAE J2360

Properties and Specifications*

Parameter	Result
Appearance	Amber, liquid
Viscosity @ 40°C, cSt, ASTM D445	113.2
Viscosity @ 100°C, cSt, ASTM D445	15.5
Viscosity index, ASTM D2270	145
Pour point, °C, ASTM D97	-50
Flash point, °C, ASTM D92	205



*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.

Revised: 02/25/2025