



Peregrine

Additives & Lubes

PAL UNIGEAR M PLUS

Last Revision: 29/08/19

Automotive Gear Lubricants

Description

PAL Unigear M Plus oils are premium automotive gear lubricants designed for use in light- and heavy-duty axles and heavy duty non-synchronized manual transmissions. Unigear M Plus multigrade gear oils provide excellent shear stability and longer oil life. Formulated with premium high VI (Viscosity Index) base stocks and an advanced additive system, Unigear M Plus imparts excellent oxidation stability characteristics and outstanding anti-weld, anti-wear and anti-scuff properties in automotive differentials operating under varying conditions of speed, load, temperature and torque. Unigear M Plus gear oils maintain effective lubrication in severe automotive conditions of high tooth load and sliding pressure. Unigear M Plus protects gears and bearings against rust, corrosion and oxidation.

Performance Standard

- API GL-5

Features

- Premium quality multipurpose gear lubricant
- Protects gear and bearings from wear at extreme pressures
- Formulated to be compatible with “yellow metals” such as bronze found in synchronizers and other transmission components
- High thermal and oxidation resistance to allow for extended drain service and reduced maintenance costs
- Inhibits foaming and aeration

Applications

- Designed for use in linear or off-set hypoid, bevel and spiral gear units in transmissions, axles and final drives working under severe high speed/low torque and low speed/high torque conditions.
- An excellent multipurpose, extreme pressure lubricant for differentials and manual transmissions of passenger cars, trucks, vans, buses and off-road equipment that operates under mild to severe conditions.
- Suitable for most oil lubricated universal joints, wheel bearings, planetary gear sets and industrial gear reducers requiring an API GL-5 oil.

**6318 Union Ave.
Shreveport LA, 71106
318-222-8787**



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Typical Properties

SAE Grade	80W-90	85W-140
Density @15°C, kg/L	0.890	0.900
Viscosity@ 40°C, cSt	148.0	421.0
Viscosity@100°C, cSt	15.1	29.0
Viscosity Index	103	98
Flash Point, °C, COC	218	236
Pour Point, °C	-36	-21

Typical values do not constitute as specifications. Due to continual product research and development, the information contained herein is subjected to change without notification

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