



Universal Gear Lubricant

Conoco Universal Gear Lubricant is a multipurpose, extreme-pressure, API GL-5 automotive gear lubricant specifically designed for use in passenger car and truck axles with hypoid gear sets. It is formulated with a thermally stable and thermally durable additive package that provides long service life and extended gear life in automotive differentials operating under varying conditions of speed, load, temperature and torque. The carefully balanced additive chemistry is designed to minimize oxidative sludge and varnish deposits on critical parts, reduce wear, prevent scoring damage and provide protection against metal fatigue and spalling damage under shock-load conditions.

Applications

Universal Gear Lubricant is recommended for service fill of conventional differentials and for top-off of limited-slip differentials in passenger cars and trucks, and for service fill of the differentials, final drives and transfer cases of some off-highway equipment. It also may be used in non-synchronized manual transmissions in trucks, buses and heavy equipment where the manufacturer specifies an API GL-5 or MT-1 gear oil.

Universal Gear Lubricant meets or exceeds the requirements of:

- API Service GL-5, MT-1
- Mack GO-J
- Meritor (Rockwell) O-76A (SAE 85W-140), O-76D (SAE 80W-90)
- MIL-PRF-2105E
- SAE J2360

**Premium,
Multipurpose
Automotive Gear
Lubricant,
API GL-5/MT-1**

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Outstanding Features

- Outstanding thermal stability to minimize sludge and varnish formation
- Excellent thermal durability for extended gear life at elevated temperatures and under extreme-pressure conditions
- Excellent load-carrying capacity for protection against scuffing and wear
- Good rust and corrosion protection
- Good foam resistance

Note: For complete drain and refill, many limited-slip differentials may require the manufacturer's specified gear lubricant or supplemental additive. Refer to the owner's manual for specific requirements.

Universal Gear Lubricant Typical Properties

SAE GRADE	80W-90	85W-140
Density, g/cm ³ @ 15.6°C (60°F)	0.887	0.896
Color, ASTM D1500	3.0	4.0
Flash Point (COC), °C (°F)	198 (388)	216 (421)
Pour Point, °C (°F)	-30 (-22)	-12 (10)
Viscosity,		
cP <150,000 @ °C (°F) (Brookfield)	-26 (-15)	-12 (10)
cSt @ 40°C	145	319
cSt @ 100°C	14.7	24.2
SUS @ 100°F	760	1,698
SUS @ 210°F	78.5	120
Viscosity Index	101	97
Channel Point, °C (°F)	< -35 (-31)	< -20 (-4)

Due to continual product research and development, the information contained herein is subject to change without notification.

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