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Product Information

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UNIGEAR EP GEAR LUBE

Product Description

Unigear EP multi-purpose gear lubricants are formulated using the latest sulfur/phosphorus additive technology. These gear lubricants meet the requirements of API GL-5 service, MIL-L-2105C, and Mack GO-G.

Applications

The **Unigear EP** lubricants are recommended for differentials and most manual transmissions in passenger cars, trucks and off-highway equipment where MIL-L-2105C as well as Mack GO-G and API GL-5 are specified. **Unigear EP** is also suitable for most oil lubricated universal joints, wheel bearings, planetary gear sets and steering gears, as well as certain industrial gear reducers specifying API GL-3, GL-4 and GL-5 quality products.

Unigear EP lubricants should not be used in automatic transmissions, power-shift transmissions, hydrostatic drives and systems which include the lubrication of wet clutches and brakes.

Benefits

- Anti-foam: controls air pick-up and oil loss
- Anti-rust: protects against rust and corrosion
- Anti-oxidant: helps prevent the oil from breaking down at higher temperatures
- Low temperature fluidity: extends the useful operating range
- Water separation (demulsibility) – separates easily from water to minimize rust and oil fluidity changes
- Extreme pressure: prevents gear teeth welding and reduces wear
- Limited slip: formulated to lubricate limited slip differentials

Refer to Universal Oil's Material Safety Data Sheet (MSDS) 16-16-01 for additional information.

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Specifications

Typical Property	ASTM Test Method	Typical Results	
		80W/90	85W/140
SAE Grade			
Gravity, Deg. API	D1298 or 287	27.8	24.0
Viscosity, KIN	D445		
cSt @ 40°C		143.5	377.6
cSt @ 100°C		14.3	25.5
Viscosity, Brookfield	D2983		
cp @ -12°C			75,500
cp @ -26°C		140,500	
Viscosity Index	D2270	97	95
Flash Point, C	D92	207°	216°
Pour Point, C	D97	-29°	-15°
Foaming	D892		
Sequence 1, ml		5	5
Sequence 2, ml		10	10
Sequence 3, ml		5	5
Copper Corrosion			
3 hours @ 121°C	D130	1b	1b
Total Acid No.	D664	0.2	0.2
Sulphur, % wt.		1.8	1.8
Phosphorus, % wt		0.10	0.10
UO Item		16-16-01	16-16-02
MSDS		16-16-01	16-16-01

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