LUBRICANTS

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Product Data Sheet

Synthetic Hypoid Gear Lubricant

High Performance Synthetic Gear Oil

Heavy duty, extreme pressure, gear and bearing lubricants designed for use in limited slip and conventional differentials, manual transmission, transfer cases of cars, trucks, farm equipment and construction equipment. They are formulated using synthetic base stock which has very high viscosity index and exceptionally low pour point. The high and low temperature performance of these products exceeds those of conventional SAE 80W-90 and SAE 85W-140 hypoid gear lubricants and offers exceptional protection over a wide range of operating temperatures.

Features and Benefits

- Extended drains; with manufacturers recommendation, highly oxidation resistance
- Suitable for use in limited slip differentials
- Superior low-temperature performance and all-season lubrication
- Improved fuel mileage, result of synthetic stock rheology
- Excellent demulsibility-separates water readily and shear stability

Applications

- API Service Classification GL-5 and MT-1
- Mack GO-J (all grades)
- Dana SHAES-256 Rev. C, SHAES-234
- Meets MAN 342 Type M2, Type M3 (75W-90)
- Eaton Axle Division PS-037, PS-163, PS-109 (75W-90)
- SAE J2360; former U.S. Military Specification MIL-PRF-2105E
- Meritor Automotive 0-76 E/N (75W-90), 0-76B, 0-80 (80W140)
- Recommended for certain manual transmissions for which hypoid-gear oil is required

Typical Properties

SAE Grade	Test Method	75W-90	75W-140	80W-140
Product Code		**337201**	**337203**	**337202**
Viscosity, cSt @ 40°C	ASTM D-445	96.5	180.2	219.8
Viscosity, cSt @ 100°C	ASTM D-445	16.2	25.0	27.3
Brookfield cP at Temp	ASTM D-2983	95,000@-40°C	135,000@-40°C	75,000@-26°C
Viscosity Index	ASTM D-2270	180	172	160
Foam Test	ASTM D-892	Pass	Pass	Pass
Copper Corrosion	ASTM D-130	Pass	Pass	Pass
Timken OK Load	ASTM D-2509	50	85	85
FZG Scuffing Test, stages	ASTM D-5182	12	12	12
Pour Point	ASTM D-97	-45°F	-36°F	-30°F

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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