

# PRODUCT DATA SHEET



## Full Synthetic 75W-90 & 80W-140 | Gear Oils

### Product Description

Marathon Full Synthetic 75W-90 and 80W-140 Gear Lubricants combine high-end synthetic base stocks plus an advanced additive package. This premium composition yields extreme pressure protection under high load operation and exceptional fluidity at low temperatures. Specialized lubrication protects key equipment components, combats corrosion and rusting of transmissions and differential components, and enables smooth shifting of transmissions.

Marathon Full Synthetic Gear Lubricants provide enhanced thermal stability at high temperatures. This results in less deposit formation and improved compatibility with seals. Marathon's advanced formulation offers improved fuel economy and extended drain intervals, up to 250,000<sup>1</sup> miles.

### Features

- Excellent thermal and oxidation stability
- Synthetic base stocks yield high viscosity index & low pour point
- Dependable seal compatibility
- Extended drain potential with robust axle wear protection under high temperature conditions of OEMs for towing and off-road use
- Great anti-foam properties
- Vast operating temperature range, especially versus conventional mineral oil gear lubricants
- Protection durability as outlined by ASTM L37 test

### Industry & OEM Specifications

- API GL-5 and MT-1
- SAE J2360<sup>2</sup>

### Applications<sup>3</sup>

Marathon Full Synthetic Gear Lubes provide protection for domestic and imported year-round application in heavy-duty commercial vehicle axles, non-synchronized manual transmissions, passenger car axles, and transfer cases that call for API-GL-5 or MT-1 gear oils.

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### Technical Data (Typical values)

SAE Grade	ASTM	Full Synthetic 75W-90 (Non-Eaton Approved)	Full Synthetic 80W-140 (Non-Eaton Approved)
Product Numbers		0330 (400# drum); 0331 (120# keg); 0332 (35# pail)	0333 (400# drum); 0334 (120# keg); 0339 (35# pail)
Viscosity @ 100°C, cSt	D445	16.7	28.53
Specific Gravity at 60°F	D4052	0.851	0.8530
Pour Point, °C	D5950	-48	-39
Flash Point, °C	D92	190	203
Color ASTM	D1500	L1.0	L1.5
Brookfield Viscosity, mPa s (cP)	D2983	91,000 (-40°C)	30,000 (-26°C)
Copper Corrosion	D130	1B	1B

- (1) Heavy-Duty Class 8 trucks, follow OEM drain interval (miles or hours) for synthetic oil up to 250,000 miles or 3 years, whichever occurs first
- (2) Meets requirements of this standard and is capable of being approved
- (3) Always follow operator's manual to confirm product selected is consistent with original equipment manufacturer's recommendation for equipment operating conditions and customer maintenance practices

The recommended shelf life for these oils is typically 24 months from manufacturing date, when stored properly and in original sealed containers

The product described above is designed for a specific use and may not be valid for other uses not specified in our specification sheet or in applications not requiring this specific product. Marathon Petroleum Company believes the information presented in this specification is accurate at the time written and is based upon internally generated information and information as presented by its vendors. No representation, warranty, or guarantee is made as to its accuracy or completeness. We do not accept any liability for any loss or damage that may occur from the use of this information.