

**SYNTHETIC HEAVY DUTY  
GEAR LUBRICANT  
SAE GEAR 50  
API MT-1 Performance**

Typical Properties

SAE Grade Gear	50
Viscosity, cSt At 40 C	151
At 100 C	19.8
Viscosity Index	151
Flash Point, (COC) Deg °C(°F)	235(455)
Pour Point, Deg °C(°F)	-40(-40)
Gravity, API @ 60°F	31.0

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Synthetic Heavy Duty Gear Lubricant is formulated from synthetic hydrocarbon base stocks to provide outstanding performance for use in heavy duty truck manual transmissions. It is API Service Classification MT-1. The product is compounded with synthesized base stocks that have outstanding thermal and oxidation stability for extended drains in rigorous transmission service requiring "straight mineral" or a fluid without extreme pressure agents.

## APPLICATIONS

Recommended for manual transmissions and system applications where API MT-1 type lubricant service is specified. The product provides all climate performance, high film strength, and exceptional lubrication at high temperatures. It can be considered for bearing and gear applications where ISO Viscosity Grades 150 and 220 are recommended. Synthetic Heavy Duty Gear Lubricant is compatible with MIL-L-2104D and MIL-L-46152B type engine oils. Meets Eaton Specifications PS-164 Rev. 7 (E500 Roadranger) and PS-081 (E250 Roadranger).