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technical data sheet

Signal Tech Gear 50 Oil

Product Application:

Signal Tech Gear 50 Oil is a superior quality extended life, full synthetic manual transmission lubricant designed to meet the most demanding on and off road applications, while meeting all stringent extended warranty requirements.

Signal Tech Gear 50 is formulated with exceptionally high viscosity indexed fluids allowing for an excellent viscosity range over all types of climates.

Signal Tech Gear 50 Oil is formulated with the latest synthesized base stocks and the most advanced additive componentry to provide excellent thermal and oxidative stability, tenacious shear stability while providing for extended drain intervals and maintaining critical seal protection.

Features and Advantages:

- *Optimized thermal and oxidation protection
- *Outstanding low-temperature fluidity
- *Longer seal life, extended drain and service intervals
- *Extends component life and improves efficiency

Meets or Exceeds the following Specifications:

API MT-1
Eaton PS-164 Rev 7
Mack TO-A PLUS
International TMS-6816
ZF FreedomLine

Typical Characteristics:

SAE GRADE	50
Viscosity, ASTM D 445	
cSt @ 40°C	132
cSt @ 100°C	17.5
Viscosity Index, ASTM D 2270	149
Pour Point, °C, ASTM D 97	-46
Flash Point, °C, ASTM D 92	221
Density @ 15°C kg/l, ASTM D 4052	0.86

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