



## Signal Gear Oils

### Product Application:

Signal Gear Oils are premium heavy duty, commercial grade multipurpose gear lubricants designed for excellent performance where extreme pressure properties are needed to protect hypoid, stressed spiral-bevel and other types of gears from scuffing and wear.

They are made from highly-refined paraffinic base stocks compounded with extreme pressure, anti-wear, limited slip, corrosion inhibitor, rust preventative, pour point depressant and foam suppressant additives.

Signal Gear Oils are "next generation" gear oils that will meet new manufacturer performance requirements for thermal stability, component cleanliness oil, seal compatibility and gear sapling resistance. In addition, they provide improved copper corrosion resistance and improved gear scoring resistance.

### Features and Advantages:

- \*Thermal stability and resistance to high temperature oxidation
- \*Low temp fluidity
- \*Outstanding film strength enabling superior load carrying capabilities

### Meets or Exceeds the following Specifications:

API GL-5  
API MT-1  
SAE J2360  
SCANIA STO- 1:0  
Mack GO-J  
MIL-PRF-2105E

### Typical Characteristics:

	<b>80W-90</b>	<b>85W-140</b>
Viscosity, cSt @ °100 C	14.00	30.0
Brookfield Vis., cP (@ ° C)	120,000 (-26)	70,000(-12)
Viscosity Index	98	90
Pour Point, ° C	-27	-12
Channel Point, ° C	-35	-20
L-33 (7-Day Moisture Corrosion)	Pass	Pass
Cover Plate, % Rust	<1% Corrosion	<1% Corrosion
L-37 (High Torque)	Pass	Pass
L-42 (High Speed)	Pass	Pass
L-60 (Thermal Stability)	Pass	Pass
ASTM D-982 Foam Test	Pass	Pass
ASTM D-130	Pass, 1b	Pass, 1b
FTM 3440 (Stability)	Pass	Pass

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