**Beacon Signal Tech Gear Oils**

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| Product Application: |

Beacon Signal Tech Gear Oils, 75W-90 & 80W-140 are superior quality extended life synthetic drivetrain lubricants designed to meet the most demanding on and off road applications while meeting all extended warranty requirements.

They are designed for use in heavy-duty drivetrain systems by providing for excellent lubricants, extreme pressure protection while maintain proper viscosity in all types of climates.
Beacon Signal Tech Gear Oils are formulated with the latest state of the art synthesized base stocks and most advanced additive componentry to provide excellent thermal and oxidative stability, tenacious shear stability while providing for extended drain intervals and maintaining the necessary friction modification to provide excellent fuel economy.

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| Features & Advantages |

\*Excellent thermal and oxidation stability

\*High viscosity index and low pour point

\*Excellent seal compatibility

\*Enhanced friction reducing capabilities

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| Meets or Exceeds the following Specifications: |

SAE J2360 MIL-PRF 2105E

API GL-4 & API GL-5 Dana SHAES 429

Mack CO-G/S, GO-H/S, GO-J DANA SHAES 256 Rev. C

Mil-PRF-2105E International TMS-6816

Eaton ZF TE-ML 05B/16F/21B

Arvin Meritor 076-R MAN 342 Typ M2

Extreme pressure (EP) performance Voith Tubro 132.00374402

Heavy duty truck rear axles Flender BA 7302 Table R1

Domestic automobile rear axles and manual transmissions Scania STO 2:0 A

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| Typical Characteristics: |

 **75W-90** **80W-140**

Viscosity, ASTM D 445

cSt @ 40°C 120 248

cSt @ 100°C 16.5 28

Viscosity Index, ASTM D 2270 148 148

Pour Point, °C, ASTM D 97 -49 -38

Flash Point, °C, ASTM D 92 210 214

Density @ 15°C kg/l, ASTM D 4052 0.860 0.870

Channel Point, °C Below -70 (94)

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/Compatibly) Pass Pass

Timken OK Load, lb 65 70