



TECHNICAL DATA SHEET

TOTAL TRANSMISSION SYN NA 75W-90

TOTAL TRANSMISSION SYN NA 75W-90 is a 100% synthetic heavy-duty gear lubricant that provides excellent wear protection over a wide range of load and operating temperatures. This multi-grade, all season lubricant offers quick warm-up at low temperatures and great thermal protection under high temperature regimes.

TOTAL TRANSMISSION SYN NA 75W-90 is a multi-purpose lubricant that can be used in over 95% of highway applications. Recommended for use in automobiles, light and heavy-duty trucks, tractors and industrial gear systems that call for extreme pressure lubricants meeting the API GL-5 specification.

Properties/Applications

- Compounded with synthetic base stocks having high VI indices, shear stability and exceptionally low pour points, this fluid provides easier start-up in extremely cold temperatures.
- The extreme pressure additives provide protection in severe service and extended drain conditions. Rust, corrosion and oxidation inhibitors keep the equipment clean, thus, extending useful life of seal, washer and bearing.
- Approved fluid that maintains Eaton Corporation (RoadRanger) & Meritor Automotive Inc (formerly Rockwell International) extended warranties.
- Recommended for use in Limited Slip Differentials:
- Meets or exceeds all performance requirements for:

API GL-5 & MT-1	Eaton Axle Division PS-037 & PS-163
MIL-L-2105D	MIL-PRF2105E
Dana Corporation Axle Division	NAVISTAR TMS 6816
Mack GO-J Plus	Meritor Automotive Inc O-76-B (petroleum) & O-80 (synthetic).

Advantages

- **EXTENDED DRAIN:** Some manufacturers recommended extending drain intervals of synthetics to 2 to 5 times the drain interval of conventional gear oils.*
- **BETTER OPERATING EFFICIENCY:** The all-weather and extreme-pressure properties of this lubricant allow improved operating efficiencies for equipment. Low temperature fluidity means faster start-up and less strain on batters and starters. High temperature properties reduce friction offering better fuel economy.
- **REDUCED MAINTENANCE COSTS:** Reducing the number of drain intervals may result in lower overall maintenance costs. Although priced higher than conventional lubricants, longer drain period result in lower labor costs and less downtime.
- **LONGER GEAR LIFE:** Protection against oxidation, corrosion, rust and wear that can shorten gear life and cause costly repairs.

* Consult OEM manuals for recommended drain intervals and requirements of extended warranty programs.

TYPICAL PROPERTIES FOR TRANSMISSION SYN NA 75W-90

Properties	Method	75W-90
Viscosity, cP @ (°C)	D2983	<150,000 (-40)
Viscosity, cSt @ 100°C	D445	17.5
Viscosity, SUS @ 210°F	D2161	90
Viscosity Index	D2270	150
Density, g/L @ 15.6°C	D1298	0.891
Pour Point, °C (°F)	D97	-50 (-60)
AGMA Grade		4EP
API Service Category		GL-5