

## TRION – SAE 80W90

### DATA SHEET

#### Manual Transmission API GL-5/MT-1

Designed for universal lubrication of modern manual transmissions and axles, this lubricant combines mineral bases and an exclusive additive package to meet the requirements of a wide range of manufacturers such as ZF, MAN, Scania, and Mack.

#### Applications & Benefits

- **Universal Usage:** Offers optimal lubrication for both gearboxes and axles, developed to meet the latest API specifications and suitable for various industrial and automotive applications.
- **Improved Protection:** Anti-wear additives reduce premature wear, improve oxidation resistance, and prevent harmful deposits in manual gearboxes and axles.
- **Transmissions and Axles:** Ideal for heavily loaded, synchronized, and non-synchronized transmissions and axles.
- **Compatibility:** Compatible with a broad range of sealing elastomers, helping prevent lubricant loss due to gasket deterioration.

#### Specifications

- API MT-1/GL-5/GL-4

#### RECOMMENDATIONS

- DTFR 12B100
- MIL-PRF 2105 E
- SAE J2360
- MAN 342 M1, M2
- Mack GO-J
- ZF 16B-D
- Scania STO 1:0
- ZF TE-ML 08, 17B, 05A, 07A, 19B
- Volvo 1273.10

\*For further information please contact the Technical Service.



## Chemical-Physical Characteristics

TEST	Method	80W90
Appearance	Visual	Clear
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.880
Viscosity @ 40°C	ASTM D 445	125.0
Viscosity @ 100°C	ASTM D 445	16.0
Viscosity Index - Unit	ASTM D 2270	110
Flash point, °C	ASTM D 92	220
Pour point, °C	ASTM D 97	-30

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage & Health

Store under cover, away from temperatures above 60°C or direct sunlight. Avoid freezing temperatures. No health effects when used properly.

## Environmental Guidelines

Do not discharge lubricant into sewage, soil, or water. Dispose of used lubricant at authorized collection points.