



# Product Data Sheet

## GEARMATIC GL5

### Product Description:

**Gearmatic GL5 is a multi purpose gear lubricant manufactured from selected, highly refined base oil and blended with field-proven additives. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature.**

Gearmatic GL5 is designed to provide top-tier performance under extremely high pressure (EP Condition) by utilizing the core Sulfur-Phosphorus EP Technology. This advanced Chemistry allows the Gearmatic GL5 to be able to withstand the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles' transmission system. Gearmatic GL5 having excellent thermal stability and corrosion resistance as well. It is blended with antifoam to suppress excess forming. The superior sulfur / phosphorus additives also are fully compatible with seals and gaskets.

### Applications / Benefits:

- Proven gear protection in low and high-speed conditions.
- Reduces costs associated with seasonal oil changes.
- Improves fuel economy.
- Superior sulfur phosphorus additives.
- Easier low temperature starting.

### Typical Characteristics:

Test Description	Method	90	140	80W90	85W90	85W140
SAE Viscosity Grade	SAE J 306	90	140	80W90	85W90	85W140
Specific Gravity @ 15 °C	ASTM D 4052	0.896	0.910	0.885	0.897	0.907
Flash Point, °C	ASTM D 92	208	215	210	212	215
Pour Point , °C	ASTM D 97	-9	-6	-27	-18	-12
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	198	402	139.5	150	389
cSt @ 100°C	ASTM D 445	17.1	27.8	14.7	14.9	27.4
Viscosity Index	ASTM D 2270	95	95	105	99	96
Color	ASTM D 1500	<3.0	<3.5	<2.5	2.5	3.0

### Specifications, Approvals & Recommendations:

- API GL-5
- MAN 342N
- ZF TE-ML05A/07A/12E
- ZF TE-ML C/D
- ZF TE-ML16B/17B/19B
- AISE 224
- AGMA 9005-EO2
- DIN 51517 Part 3
- David Brown S1.53.101

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