

# Power Up Gear Oil Semi Synthetic

## Product Description:

Power Up Semi Synthetic 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. It provides first class performance under high pressure or EP conditions by utilizing the core sulfur-phosphorus EP technology. It is also blended with group 3 oil and antifoam to suppress excess forming and to provide greater stability between oil particles, hence prolong the life span of the gear oil.

## Applications / Benefits:

1. Proven gear protection in high speed conditions
2. Improves fuel economy through the ability of higher thermal and oxidation resistance.
3. Superior sulfur phosphorus additives
4. Easier low temperature start-up
5. More lasting compared to the mineral based gear oils

## Typical Characteristics:

Test Description	Method	80W90	80W140	85W140
SAE Viscosity Grade	SAE J 300			
Specific Gravity @ 15 °C	ASTM D 4052	0.872	0.886	0.893
Flash Point, °C	ASTM D 92	202	205	208
Pour Point, °C	ASTM D 97	-27	-24	-21
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	118.6	210.5	238.3
cSt @ 100°C	ASTM D 445	16.5	25.8	25.02
Viscosity Index	ASTM D 2270	149	155	133
Color	ASTM D 1500	<2.0	<2.0	<2.0

## 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