

AUTOMOTIVE GEAR OIL GL-4 & GL-5 EP-90, 80W90, 140, 85W140

(Extreme pressure automotive gear oil for passenger car & heavy duty commercial motor vehicle)

DESCRIPTION OF AUTOMOTIVE GEAR OIL EP GL- 4 & 5

GEAR OIL GL- 4 & 5 oils are designed and manufactured from selected premium quality base oils and additive packages to provide excellent protection for heavy duty manual transmissions in equipment and vehicles. Formulated with high quality mineral base oil stocks, **extra anti-foam (silicon free defoamer) with ester additive and excellent load carrying capacity**, extreme pressure (EP), anti-foam additives, anti-oxidant, anti-rust & water demulsibility, oxidation stability, corrosion protection and increase long drain intervals to provide optimum equipment protection and oil life even under extreme conditions compare to normal EP gear oil to provide excellent protection against conventional wear modes such as scuffing but also provides a high level of resistance against micropitting fatigue. These oils are high performance, multi-purpose, thermally stable, extreme pressure automotive hypoid gear oils exceeding the severe API GL- 4 & 5 performance standards.

APPLICATIONS

- **GEAR OIL GL- 4 & 5** use in high performance manual transmissions, spiral bevel axles, high load drive axles, hypoid axles and steering units. The use of this product will often smooth and improve manual gear changes in previously “notchy” gear boxes.
- **GEAR OIL Semi-Synthetic 75W90 GL-5** is recommended for the lubrications of hypoid, spur, bevel, helical and worm gears in differentials, Manual transmissions, final drives, transfer cases and steering mechanisms where this type of oil is recommended.

BENEFITS

- Premium extreme pressure additives package protects inhibits rust, corrosion, and wear to protect against premature bearing failure and gear tooth wear.
- Excellent protection against surface stress & excellent load carrying ability.
- Heavy dynamic and shock loads & Compatible with all types of seals. & gasket.
- Excellent shear stability protects against viscosity loss to safely extend service intervals
- Excellent resistance towards high temperature oil degradation.
- Heavy dynamic, shock loads & superior thermal stability.
- Excellent resistance towards high temperature oil degradation.

PROPERTIES

SAE Grade GL-5	90	140	80W-90	85W-140	75W90
Appearance	C & B	C & B	C & B	C & B	C & B
Density, at 15 °C	0.899	0.905	0.903	0.905	0.882
Viscosity at 100 cSt	17.3	29.0	19.1	27.1	9.4
Viscosity at 40 cSt	195	430	213	364	62
Viscosity Index	96	96	101	100	140
Flash Point	220	230	222	230	216
Pour Point	-9	-9	-21	-18	-43

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