

Multipurpose Gear Lubricant

SAE GEAR 80W-90 and 85W-140 | API GL-5

Product Description

Relyant® Multipurpose Gear Lubricants are premium grades of automotive gear lubricants formulated from highly refined mineral base oils with a sulfur/phosphorus-controlled additive system. The lubricant film provides exceptional gear protection with strong thermal stability under boundary lubrication conditions. Supplementary characteristics include anti-wear performance, corrosion inhibition, rust prevention, and anti-foaming tendencies in vehicle gear-lubrication systems.

Applications

Recommended for use in differentials, rear axles, final drives, conventional manual transmissions, manual steering gears in passenger cars and trucks where GL-5 type lubricant is specified. Suitable for gear applications requiring a sulfur/phosphorus controlled additive package.

Automotive Gear Lubricant meets or exceeds API GL-5, DAF, ZF TE-ML 07A, ZF TE-ML 08, and GB 13895. SAE Grade 80W-90 is primarily recommended for passenger cars and light trucks, while Grade 85W-140 is suited for heavy-duty equipment, both on- and off-highway fleets, and various industrial and commercial mechanical systems.

Typical Properties

Property	80W-90	85W-140
Viscosity @ 40°C (cSt)	136	406
Viscosity @ 100°C (cSt)	14.0	27.0
Viscosity @ 100°F (SUS)	716	2172
Viscosity @ 210°F (SUS)	75.6	133.3
Viscosity Index	100	96
Flash Point °F (COC)	410	420
Pour Point °F	-15	+5
Pour Point °C	-26	-15
API Gravity @ 60°F	24.5	24.0

*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.