

MULTIPURPOSE GEAR LUBRICANT
SAE GEAR 80W-90 and 85W-140
GL-5, MT-1

Typical Properties

SAE Grade Gear	80W-90	85W-140
Viscosity, cSt		
At 40 C	136	406
At 100 C	14.0	27.0
Viscosity, SUS		
At 100 F	716	2172
At 210 F	75.6	133.3
Viscosity Index	100	96
Flash Point, (COC) Deg F	410	420
Pour Point, Deg F	-15	+5
Deg C	-26	-15
Gravity, API @ 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.

A multi-purpose sulfur/phosphorus type gear lubricant designed for API Service Classifications GL-5 and MT-1. Compounded with highly refined paraffinic base stocks and additives to ensure extreme pressure characteristics, anti-wear performance, anti-corrosion inhibition, rust prevention, anti-foaming tendencies and service fill limited slip capability.

APPLICATIONS

Recommended for differentials, rear axles, final drives, conventional manual transmissions, manual steering gears, and limited slip top-off suitability, in passenger cars and trucks where GL-5 type lubricant is specified. Recommended for gear applications where sulfur/phosphorus controlled chemically-active additive package is designated. Meets MT-1 capability for non-synchronized manual transmissions in heavy duty systems. Meets the requirements of U.S. Military Specification MIL-L-2105D, MIL-PRF-2105E and Mack GO-G, H, & GO-J classifications. SAE Grade 80W-90 is primarily recommended for passenger cars and light trucks; Grade 85W-140 for heavy duty equipment, both on and off-highway fleets, as well as many industrial and commercial mechanical systems applications.