Synthetic

K1 Lube Gear GL-5

Premium Performance
Manual Transmission and Axle Fluid

API GL-5, US MIL-L-2105D
ZF TE-ML 07A(75W-90)



DESCRIPTION

K1 Lube Gear GL-5 is a high-performance, multipurpose, thermally stable automotive gear oil, that is, manual transmission fluid. It is suitable to all highly loaded gears (hypoid type gear applications, axles,final drivers, transfer cases and gearboxes) requiring API GL-5 specification.

APPLICATIONS

- Suitable for all heavily loaded gear applications (including hypoid gears, axles, final drives, transfer cases, and gearboxes) where API GL-5 performance level is required

PERFORMANCE STANDARDS

- API GL-5
- US MIL-L-2105D
- ZF TE-ML 07A(75W-90)

CUSTOMER BENEFITS

Prolongs Equipment Life

Excellent wear and friction properties prevent wears and scratches on the surface of gear, extending equipment life. The combination of superior base oil and noticeable additives pprovide long oil service life by resisting oxidation and oil thickening as well as provide against corrosion of ferrous and non-ferrous components.

Less Deposit and Sludge Formation

Advanced detergent and anti-oxidant additives provide excellent equipment availability by avoiding failure due to deposit-induced seal wear and leakage.

Smooth Shifting

High-quality friction modifiers offer smooth shifting in manual transmissions by controlling glazing and coking of friction surfaces in synchronizing mechanisms.

KEY PROPERTIES

SAE Grade	75W-90	80W-90	85W-90	85W-140
Kinematic Viscosity, mm^2/s @ 40°C	98.1	131.6	141.2	338.4
Kinematic Viscosity, mm^2/s @ 100°C	15.68	14.2	14.2	25.5
Viscosity Index	171	106	97	98
Pour Point °C	-45	-35	-26	-25
Flash Point °C	188	226	230	238
Package (Liters)	1, 4, 20, 200	1, 4, 20, 200	1, 4, 20, 200	1, 4, 20, 200