



Explorer[®] Synthetic GL

FULL SYNTHETIC EP GEAR LUBRICANTS

DESCRIPTION

Explorer[®] Synthetic GL is a full synthetic multi-purpose, extreme pressure, GL-5 gear lubricants specially formulated for extended drain, extreme durability and all-season performance in automotive and heavy duty applications.

Explorer[®] Synthetic GL is specially formulated with hydro-treated, high VI synthetic base oils combined with an advanced additive package, which provides excellent thermal and oxidative stability, superior low temperature flow properties and excellent load carrying capabilities to reduce wear along with foam, rust and corrosion.

Explorer[®] Synthetic GL can be used in conventional differentials, limited slip rear axles, gear boxes, hypoid gears, final drives and manual transmissions calling for a GL- 5/MT-1/EP gear lubricant and is suitable for use in most limited slip differentials.*

INDUSTRY/OEM SPECIFICATIONS

	75W-90	75W-140
AGMA 9005-E02, 250.03, 250.04, 251.02, No. 4	Meets Requirements	-
AIST/US Steel 224	Meets Requirements	-
API GL-5	Meets Requirements	Meets Requirements
ArvinMeritor (Rockwell International) 076-E	Meets Requirements	-
ArvinMeritor (Rockwell International) 076-N Extended Drain	Meets Requirements	Meets Requirements
Mack GO-J, GO-H, GO-G	Meets Requirements	Meets Requirements
MT-1	Meets Requirements	Meets Requirements
Military Specification MIL-2105D/E	Meets Requirements	-
Scania STO 1:0	Meets Requirements	-

TYPICAL PROPERTIES

SAE Grade	75W-90	75W-140
Specific Gravity @ 60°F	0.878	0.855
Color, ASTM D1500	1.0	1.0
Flash Point (COC), °C	180	180
Pour Point, °C	-51	-51
Viscosity, Kinematic		
cSt @ 40°C	94.5	168.2
cSt @ 100°C	15	30
Viscosity Index	182	195

The values quoted above are typical of normal production. They do not constitute a specification.

*Limited slip performance requirements vary by manufacturer and application. Some applications may require additional additive.