



# GLS T/A XL Lubricants Pty Ltd

ABN 84 131 080 790

306-318 Abbots Road Dandenong Sth 3175

P: 03 9799 9559 F: 03 9702 8112

E: [sales@xllubricants.com.au](mailto:sales@xllubricants.com.au)



## PRODUCT DATA SHEET

### XL GEAR OIL LS90, LS140 GL-5

Product Code 35160, 35170

Date: 20/09/2018

#### DESCRIPTION

XL GEAR OILS LS90 and LS140 are high performance, EP automotive gear oils specifically designed for limited slip rear drive differentials, particularly those with the "cone clutch" design. They also have special friction properties to provide smooth, noise free operation and extended life of these units.

#### BENEFITS

- Quiet shudder free operation: Special friction modifier system provides excellent lubricity characteristics for smooth non-stick / engagement.
- Long gear life: EP additives control tooth wear even under high torque and shock loading conditions. Rust and corrosive additives prevent damage otherwise caused by moisture formation, formed from condensation or by contamination ingress.
- Extends copper component life: Corrosion inhibition and thermal stability limits the corrosion of bearings and bushes containing copper.

#### APPLICATION

XL GEAR OILS LS90 or LS140 are recommended for the majority of limited slip hypoid differentials, both plate and cone clutch, in rear wheel drive cars, 4WD vehicles and light trucks under all operating conditions.

#### SPECIFICATION

XL GEAR OILS LS90 and LS140 meet the following specifications:

- API GL-5, GL-4, LS, MT-1

#### CHARACTERISTICS\*

TEST	METHOD	TYPICAL VALUE	
SAE Grade	SAE J306	<b>90</b>	<b>140</b>
Density 15°C, g/cm <sup>3</sup>	ASTM D7042	0.8900	0.9000
Kinematic Visc 40°C, cSt	ASTM D7042	150.0	350.0
Kinematic Visc 100°C, cSt	ASTM D7042	16.0	28.0
Viscosity Index	ASTM D2270	95	100
Flash Point, °C	ASTM D92	>220	>225
Pour Point, °C	ASTM D97	-12	-12
Timkem OK Load Kg	ASTM D2782	27	27
FTIR	ASTM E2412	Match	Match

\*Product data shows typical values and do not represent a specification