



# GLS T/A XL Lubricants Pty Ltd

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## PRODUCT DATA SHEET

### XL GEAR OIL 80W140 GL-5

*Advanced synthetic gear oil*

Product Code 37220

Date: 20/09/2018

#### DESCRIPTION

GEAR OIL 80W140 SYNTHETIC is a full synthetic base oil coupled with a robust additive system and an improved viscosity modifier to provide a high viscosity index, low pour-point, fully synthetic gear oil providing reduced friction, fuel savings, better low temperature start-up protection and longer life than most conventional gear oils. It is a proven heavy duty automotive multi-purpose, sophisticated extreme pressure gear lubricant and meets the requirements of the API Service Classification GL-5. It is fully inhibited against foaming, oxidation and corrosion and contains sulfur/phosphorous extreme pressure additives which ensure that the oil meets all the requirements of modern automotive differentials, manual transmissions and final drives to operate at high load-carrying capacity at sustained high speed under high torque loading conditions, where such gear oils are required.

#### APPLICATION

GEAR OIL 80W140 SYNTHETIC should be used in differentials using hypoid and spiral bevel gears as well as manual transmissions and final drives which specify this grade of gear oil. (XL Gear Oil 75W90 Synthetic GL5 is particularly recommended for 4WD gearboxes and transfer drives.)

#### SPECIFICATION

GEAR OIL 80W140 SYNTHETIC meets the following specifications:

- API - GL5 and MT-1
- High Temp L37 capable
- Mack GO-J
- SAE J2360
- ZF TE ML-07 & ML-08

#### CHARACTERISTICS\*

TEST	METHOD	TYPICAL VALUE
Density 15°C, g/cm <sup>3</sup>	ASTM D7042	0.8400
Kinematic Viscosity 40°C, cSt	ASTM D7042	240.0
Kinematic Viscosity 100°C, cSt	ASTM D7042	28.0
Viscosity Index	ASTM D2270	146
Pour Point, °C	ASTM D97	-40
FTIR	ASTM E2412	Match

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

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