



GLS T/A XL Lubricants Pty Ltd

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Quality
ISO 9001

SAI GLOBAL

PRODUCT DATA SHEET

XL IND GEAR OIL, SYNTHETIC

Advanced synthetic gear lubricants;

ISO	150,	220,	320,	460,	680
Product Code	71160,	71170,	71180,	71190,	71200

Date: 06/08/2018

DESCRIPTION

XL SYNTHETIC INDUSTRIAL GEAR OILS are blended using synthetic PAO base stocks selected for their exceptional oxidation and thermal properties, inherently high viscosity index, extreme low-temperature mobility and freedom from many undesirable compounds found in conventional mineral base stocks. Combined with an advanced additive system, the finished fluids provide outstanding lubrication performance under severe operating conditions, improved energy efficiency, long service life and high resistance to micro-pitting for optimum gear protection. Excellent frictional characteristics conserve energy, reduce friction losses and reduce bulk oil temperatures.

APPLICATIONS

Recommended for all types of enclosed gear drives operating under severe service conditions, such as heavy or shock loads and low speeds for boundary lubrication, low or elevated temperatures or wide temperature variations. They are suitable for both circulation and splash type lubrication systems and are particularly recommended for certain 'lubricated for life' systems, plain and rolling element bearings and oil circulation systems.

PERFORMANCE

XL SYNTHETIC INDUSTRIAL GEAR OILS meet the following specifications:

- DIN 51517 Part III
- US Steel 224

PACKING

1000 Litres 205 Litres 20 Litres.

CHARACTERISTICS*

ISO GRADE:	150	220	320	460	680
TEST	TYPICAL VALUE				
Density 15°C, g/cm ³	0.8440	0.8460	0.8500	0.8530	0.8560
Kinematic Visc 40°C, cSt	150	220	320	460	680
Kinematic Visc 100°C, cSt	19	25	33	43	59
Viscosity index	144	143	145	145	157
Flash Point, °C	>240	>240	>240	>250	>250
Pour Point, °C	-45	-42	-40	-35	-28
FZG Load Carrying Test A/8,3/90	>14	>14	>14	>14	>14
A/16,6/90	>14	>14	>14	>14	>14
Timken OK Load (ASTM D 2782)	>85	>85	>90	>90	>90

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