



# GLS T/A XL Lubricants Pty Ltd

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## PRODUCT DATA SHEET

### XL SAE 30, 40, 50 CF-4/CF SG/SF

Product Code 10100, 10200, 10300

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#### DESCRIPTION

XL monograde engine oils are high performance, mixed fleet, low ash monograde automotive engine oils designed for a wide range of diesel and petrol engines operating under severe service conditions. They are available in SAE 30, 40 and 50 grades.

#### APPLICATION

XL Engine monograde oils are primarily recommended for use as a single oil in mixed fleets containing both light and heavy duty four stroke engines, both naturally aspirated and turbocharged, where a monograde oil is preferred. Recommended also for a wide range of European, Japanese and Detroit 2 cycle *diesel* engines; also most earlier model four stroke petrol engines requiring up to an API SG petrol rating. **Not recommended** for use in any two cycle *petrol* engines or gas fueled spark ignition engines.

Applications include commercial road transport, off-highway earthmoving, mining and agricultural operations under all service conditions, along with a wide range of car and light truck petrol engines.

Can also be used in non-engine applications where oils of its performance level are suitable, such as manual and power shift transmissions, being suitable in transmission applications requiring Caterpillar TO-2 and Allison C4 performance, also for mobile hydraulic systems, generator sets and high speed diesel engines in marine service.

#### BENEFITS

XL Engine monograde oils give good overall engine cleanliness and have been proven to reduce wear of loaded components under severe service conditions. Provides excellent protection from upper ring belt deposits under high temperatures.

## SPECIFICATION

Meets the following specifications:

- ACEA 04 E2
- Allison C-4
- API CF-4/CF/CF-2/SG/SF
- Caterpillar T-02

## CHARACTERISTICS\*

TEST	METHOD	TYPICAL VALUE BY SAE GRADE		
		30	40	50
Density 15°C, g/cm <sup>3</sup>	ASTM D7042	0.8800	0.8845	0.8875
Kinematic Visc 40°C, cSt	ASTM D7042	120	160	190
Kinematic Visc 100°C, cSt	ASTM D7042	11.0	14.5	19.0
Viscosity Index	ASTM D2270	105	105	105
Flash Point, °C	ASTM D92	>210	>220	>220
Pour Point, °C	ASTM D97	-8	-10	-12
TBN, mg KOH/g	ASTM D2896	10	10	10
Sulfated Ash %wt	ASTM D874	1.4	1.4	1.4
FTIR	ASTM E2412	Match	Match	Match

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