



# GLS T/A XL Lubricants Pty Ltd

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## PRODUCT DATA SHEET

### XL ENGINE OIL 10W40FS CJ-4/SM ACEA E9

*FULL SYNTHETIC*

Product Code 16110

Date: 13/08/2018

#### DESCRIPTION

XL ENGINE OIL 10W40 ACEA E9 is an extremely high performance Diesel oil, which conforms to the ***EURO 6 commercial diesel engine generation***. It surpasses the limits for sulfated ash, phosphorus and sulfur content (Mid SAPS) and thus provides one of the foundations for trouble-free operating of downstream exhaust gas treating devices (particle filter), which makes it possible to meet the, currently highest, EURO 6 standard for diesel engines.

#### APPLICATION

XL ENGINE OIL 10W40 ACEA E9 is a stable, stay in grade oil providing excellent control of piston cleanliness, wear, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro 3, 4, 5 and 6 emission requirements and running under very severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations. It is suitable for EGR engines, with or without particulate filters, and for engines fitted with SCR NOx reduction systems. ***E9 quality is strongly recommended for engines fitted with particulate filters*** and is designed for use in combination with low sulphur diesel fuel. It assures top performance of the quality criterions of wear protection and friction reduction, detergency & dispersancy, corrosion prevention, viscosity temperature dependency, thermal oxidative stability, low evaporation tendency, good elastomer compatibility and very low environmental impact. This oil ensures the EURO 6 turbo charged diesel engines maintain long extended drain intervals, excellent engine cleanliness, very good cold starting and warm-up performance, even at lowest temperatures, outstanding aging resistance and reliable lubrication under all operating conditions with very low environmental impact.

#### SPECIFICATION

Meets the following specifications:

- ACEA E7-08 / E9-08
- API CJ-4/SM, CI-4/SL
- MAN 3575
- MB 228.31
- MTU Type 2.1
- Renault RLD-3
- Volvo VDS-3 VDS-4

## **CHARACTERISTICS\***

<b>TEST</b>	<b>METHOD</b>	<b>TYPICAL VALUE</b>
Density 15°C, g/cm <sup>3</sup>	ASTM D7042	0.8620
Kinematic Viscosity 40°C, cSt	ASTM D7042	90.0
Kinematic Viscosity 100°C, cSt	ASTM D7042	13.5
Viscosity Index	ASTM D2270	150
Flash Point, °C	ASTM D92	>235
Pour Point, °C	ASTM D97	-30
Phosphorous, max, %wt	ASTM D5185	0.07
Sulfur %wt	ASTM D4951	0.21
Sulfated Ash %wt	ASTM D874	0.99
TBN, mg KOH/g	ASTM D2896	8.2
CCS -25°C, cP 7000 max	ASTM D5293	6440
FTIR	ASTM E2412	Match

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