

## PRODUCT DATA SHEET

### XL ENGINE Oil 15W40 CH-4/SJ

Product Code 12560

Date: 15/08/2018

#### DESCRIPTION

XL Engine Oil 15W40 CH-4/SJ is a multi-grade high performance detergent-type diesel and petrol engine oil developed for high performance turbo-charged and naturally aspirated diesel engines. The oil will provide better protection, easy cranking in cold weather, reduced emissions and deliver very high temperature stability. The low phosphorous level and low sulfated ash content will suit the needs of mixed fleet operators including those with petrol engines with catalytic converters.

#### APPLICATION

Is particularly suited to mixed fleet use in Diesel engines (Turbo and Naturally aspirated), Petrol engines (Leaded and Unleaded fuels), LPG fueled engines for all types of trucks, earthmoving equipment, stationary engines, cars and light commercials where a CH-4 diesel rating or an SJ petrol rating is required.

#### SPECIFICATION

XL Lubricants 15W40 CH-4/SJ engine oil meets the following specifications:

- ACEA E7-08 Issue 2 (2010)
- API CH-4 CF SJ
- CAT ECF-1-a
- Cummins CES 20076 CES 20077
- Mack EO-N EO-M Plus
- MAN M 3275
- MB 228.3
- MTU Type 2
- Renault Truck RLD/RLD-2
- Volvo VDS-3

#### CHARACTERISTICS\*

TEST	METHOD	TYPICAL VALUE
Density 15°C, g/cm <sup>3</sup>	ASTM D7042	0.8770
Kinematic Viscosity 40°C, cSt	ASTM D7042	120
Kinematic Viscosity 100°C, cSt	ASTM D7042	14.5
Viscosity Index	ASTM D2270	130
Flash Point, °C	ASTM D92	>210
Phosphorous, max, %wt	ASTM D5185	0.10
TBN, mg KOH/g	ASTM D2896	10.5
Sulfated Ash %wt	ASTM D874	1.03
FTIR	ASTM E2412	Match

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