



# 8100 X-clean 5W-40

## ACEA C3

Gasoline & Diesel lubricant for Euro IV engines

**100% Synthetic**

### TYPE OF USE

Lubricant specially designed for last generation cars, powered by turbo Diesel direct injection or gasoline engines, EURO IV emission regulation compliant, requiring an ACEA C3 engine oil, high HTHS ( $> 3.5$  mPa.s) viscosity and "Mid SAPS" with reduced content of sulphated ash (= 0.8%), phosphorus ( $0.07 = x = 0.09\%$ ) and sulphur (= 0.3%).

Suitable for any type of Diesel or gasoline engines calling for ACEA A3/B3 or A3/B4 lubricants.

**ATTENTION :** For BMW vehicles, this product can be used for gasoline engines only in European Union countries, Switzerland, Norway and Liechtenstein. Refer to BMW recommendation.

**Do not use for engines from VW group fitted with DPF when VW 507 00 is required.**

### PERFORMANCES

STANDARDS	ACEA A3 / B4 / <b>C3</b>
APPROVALS	API <b>SM</b> / CF, BMW Long Life 04, <b>Ford WSS M2C 917A</b> , <b>MB-Approval 229.31 &amp; 229.51</b> , Porsche, VW 502 00 – 505 00 – <b>505 01</b>
RECOMMENDATIONS	Renault/Nissan – Fiat – Kia/Hyundai – Suzuki – Ssangyong...

Engines compliant with EURO IV emission regulation are fitted with sensitive exhaust gas after treatment systems :

- Sulphur and Phosphorus inhibit catalytic convertors operation and can damage catalytic components : inefficient exhaust gas treatment.
- Sulphated Ashes clog diesel particulate filters : shorten regenerating cycle, higher fuel consumption and engine power loss.

ACEA developed ACEA C3 standard for lubricants with high HTHS ( $> 3.5$  mPa.s), reduced Sulphated Ash, Phosphorus and Sulphur content (Mid SAPS), suitable for use with exhaust gas after treatment systems.

**ACEA C3 lubricants achieve extended drain intervals managed by vehicles computer on board.**

### RECOMENDATIONS

Drain interval : according to manufacturers' recommendations and tune to your own use.

Do not mix with lubricants not ACEA C3 compliants.

### PROPERTIES

Viscosity grade	SAE J 300	<b>5W-40</b>
Density at 20°C (68°F)	ASTM D1298	0,845
Viscosity at 40°C (104°F)	ASTM D445	84.7 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.1 mm <sup>2</sup> /s
Viscosity index	ASTM D2270	172
Pour point	ASTM D97	-39°C / -38°F
Flash point	ASTM D92	234°C / 453°F
TBN	ASTM D 2896	7.5 mg KOH/g