



# 8100 Eco-clean + 5W-30 – ACEA C1

**Gasoline & Diesel lubricant for Euro IV engines**

**100% Synthetic**

## TYPE OF USE

**Fuel Economy Engine Oil** specially designed for last generation cars, powered by turbo Diesel direct injection or gasoline engines, EURO IV emission regulation compliant, requiring an ACEA C1 engine oil, requiring low friction, low HTHS (< 3.5 mPa.s) viscosity oil and "Low SAPS" with reduced content of sulphated ash (= 0.5%), phosphorus (= 0.05%) and sulphur (= 0.2%).

Suitable for any type of Diesel or gasoline engines calling for "fuel economy" lubricants : ACEA A1/B1, A5/B5 standards.

These oils may be unsuitable for use in some engines. Refer to the owner manual or handbook if in doubt.

## PERFORMANCES

STANDARDS ACEA A5 / B5 / **C1 – Ford WSS M2C 934 A**

RECOMMENDATIONS Mazda Diesel engines with Diesel Particulate Filter (DPF)

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 C1 standard for lubricants with low friction, low HTHS (< 3.5 mPa.s), reduced Sulphated Ash, Phosphorus and Sulphur content (Low SAPS), suitable for use with exhaust gas after treatment systems.

**ACEA C1 lubricants are environment friendly reducing fuel consumption, minimizing green house gases emission and also 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 C1 compliants.

## PROPERTIES

Viscosity grade	SAE J 300	<b>5W-30</b>
Density at 20°C (68°F)	ASTM D1298	0,849
Viscosity at 100°C (212°F)	ASTM D445	10.1 mm²/s
Viscosity at 40°C (104°F)	ASTM D445	56.7 mm²/s
Viscosity index	ASTM D2270	167
Pour point	ASTM D97	-39°C / -38°F
Flash point	ASTM D92	232°C / 450°F
TBN	ASTM D 2896	4.8 mg KOH/g