



# 8100 Eco-lite 0W-20



Gasoline engine oil

100% Synthetic – Ester Based

## TYPE OF USE

"Fuel economy" engine oil specially designed for recent cars, powered with gasoline engines, designed to use oil with low friction, very low HTHS viscosity ( $\geq 2.6$  mPa.s) and "Mid SAPS" reduced content of Sulfated Ash ( $\leq 0.8\%$ ), Phosphorus ( $0.07 \leq x \leq 0.09\%$ ) and Sulfur ( $\leq 0.3\%$ ).

Catalytic converter friendly.

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

## PERFORMANCE

STANDARDS	API <b>SM</b> / CF
RECOMMENDATIONS	HONDA Europe gasoline engines MAZDA gasoline engines SUBARU SOHC (single overhead camshaft) engines

The API SM standard is fully backward compatible over API SL requirements and all former API standards.

API SM lubricants provide outstanding oxidation resistance, better anti-deposits protection, better engine cleanliness, anti-wear protection and enhanced performance at cold temperature during the whole oil life span.

Viscosity grade SAE 0W-20 minimizes oil hydrodynamic friction, allows fuel economy especially when oil is cold.

Improves oil flow at start up, faster oil pressure build up, faster rev raisings and reach operating temperature faster.

**Environment friendly, this type of oil allows fuel consumption reduction and therefore minimizes greenhouse gases (CO<sub>2</sub>) emissions.**

## RECOMMENDATION

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

Can be mixed with synthetic or mineral oils.

## PROPERTIES

Viscosity grade	SAE J 300	<b>0W-20</b>
Density at 20°C (68°F)	ASTM D1298	0.838
Viscosity at 40°C (104°F)	ASTM D445	48.6 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	8.8 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	2.7 mPa.s
Viscosity index	ASTM D2270	162
Pour point	ASTM D97	< -50°C / < -58°F
Flash point	ASTM D92	238°C / 460.4°F
Sulfated ash	ASTM D874	0.8% weight
TBN	ASTM D2896	8.4 mg KOH/g