

UNITED ECO-ELITE LONG LIFE

Product Description

Fully synthetic Passenger Car Motor Oil formulated with top grade polyalphaolefin PAO with synthetic base fluid and new additives technology to meet the latest industry standards of API SQ and ILSAC GF-7 for newer engines including turbocharged gasoline direct injection (TGDI) engines.

TGDI engines require increased protection against Low-Speed Pre-Ignition (LSPI) and timing chain wear. LSPI is common issue with turbocharged engines, it creates excessive pressures inside the engine's cylinders, which can cause engine damage. This oil is specifically designed to mitigate LSPI and provide time chain wear protection.

The benefits of PAO synthetic base stocks include excellent high viscosity index with low temperature fluidity and high resistance to oxidation as well as thermal degradation. These properties make PAO a good selection in temperature extremes, including high operating and low start-up temperatures.

Applications / Benefits

- * Particular suitable for the modern engine
- * Timing chain wear protection
- * Better fuel economy and fuel efficiency
- * Enhance piston cleanliness while maintaining sludge control

Typical Characteristics

Test Description	Method	Unit		
SAE Viscosity Grade	SAE J 300	-	0W20	0W30
Density @ 15 °C	ASTM D 4052	kg/L	0.848	0.849
Flash Point	ASTM D 92	°C	214	216
Pour Point	ASTM D 97	°C	-42	-42
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	45.9	62.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	8.8	11.6
Viscosity Index	ASTM D 2270	-	174	184
TBN	ASTM D 2896	mgKOH/g	7.2	7.2

Specifications, Approvals & Recommendations

* API	SQ-RC
* ILSAC	GF-7A
* FORD	WSS-M2C962-A1 IN SAE 0W20
* FORD	WSS-M2C963-A1 IN SAE 0W30

Reference No.
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