United Oil
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UNITED ECO-ELITE PLUS

Product Description

Synthetic Passenger Car Motor Oil (PCMO) that delivers the enhanced performance of lubricating oil technology to maximize protection for the latest gasoline fueled engines. It meets the performance level of API SQ and exceeds the most demanding requirements of modern engine's emission control and oil consumption standards. In today's energy conscious era, this oil is also formulated to improve fuel efficiency for consumers.

Applications / Benefits

* Exceeds the highest US oil standards for gasoline and TGDI / non TGDI engines
* Improve piston cleanliness and fuel economy while maintaining sludge control
* Reduce the potential for pre-ignition (LSPI) and timing chain wear
* Increases emission system durability and improves fuel efficiency

Typical Characteristics

Test Description	Method	Unit	0W20	5W20	5W30	5W40
SAE Viscosity Grade	SAE J 300	-				
Density @ 15 °C	ASTM D 4052	kg/L	0.848	0.860	0.858	0.860
Flash Point	ASTM D 92	°C	218	220	220	218
Pour Point	ASTM D 97	°C	-39	-36	-36	-36
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	46.7	53.3	67.2	90.0
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	8.8	9.0	11.4	14.5
Viscosity Index	ASTM D 2270	-	171	151	163	168
TBN	ASTM D 2896	mgKOH/g	7.2	7.2	7.2	7.2

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Typical Characteristics

Test Description	Method	Unit		
SAE Viscosity Grade	SAE J 300	-	**10W30**	**10W40**
Density @ 15 ºC	ASTM D 4052	kg/L	0.862	0.863
Flash Point	ASTM D 92	ºC	222	228
Pour Point	ASTM D 97	ºC	-36	-36
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	72.4	97.7
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	11.4	14.7
Viscosity Index	ASTM D 2270	-	151	156
TBN	ASTM D 2896	mgKOH/g	7.2	7.2

Specifications, Approvals & Recommendations

*	API	SQ-RC
*	ILSAC	GF-7A IN SAE 0W20, 5W20, 5W30, 10W30
*	FORD	WSS-M2C962-A1 IN SAE 0W20
*	FORD	WSS-M2C960-A1 IN SAE 5W20
*	FORD	WSS-M2C961-A1 IN SAE 5W30

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