



Product Data Sheet

NITRON ECO1

Product Description:

Nitron ECO1 Engine Oil is a new fully synthetic passenger car motor oil (PCMO) that is among the first to come to market in anticipation of the new GF-5 standard set by the International Lubricant Standardization and Approval Committee (ILSAC), which goes into effect in October, 2010.

Nitron ECO1 Engine Oil delivers the latest development in lubricating oil technology to maximize the protection for the newest engine fueled by gasoline. It meets the highest API SN and ILSAC GF-5 performance level and exceeds most demanding requirements in relation to modern engine's emission control as well as oil consumption. In the energy-conscious era of today, Nitron ECO1 Engine Oil also designed to improve fuel efficiency by saving consumers on the cost of fuel.

Applications / Benefits:

- ▣ Emission system durability and fuel economy.
- ▣ Piston Cleanliness and engine sludge protection.
- ▣ Wear protection and extended service life.
- ▣ Turbocharger protection.
- ▣ Seal compatibility.

Typical Characteristics:

Test Description	Method	0W-20	5W-20	0W-30	5W-30	10W-30
SAE Viscosity Grade	SAE J 300					
Specific Gravity @ 15 °C	ASTM D 4052	0.853	0.853	0.855	0.855	0.856
Flash Point, °C	ASTM D 92	205	212	214	216	216
Pour Point, °C	ASTM D 97	-42	-39	-42	-39	-36
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	45.7	45.3	55.3	54.9	67.1
cSt @ 100°C	ASTM D 445	8.48	8.29	10.2	9.66	11.1
Viscosity Index	ASTM D 2270	165	160	175	162	158
TBN, mgKOH/g	ASTM D 2896	7.8	7.8	7.8	7.8	7.8
Color	ASTM D 1500	<3.0	<3.0	<3.0	<3.0	<3.0
CCS, cP	ASTM D 5293	5320	5520	5450	5640	5580

Specifications, Approvals & Recommendations:

- ILSAC GF-5
- API SN
- Ford WSS-M2C945A*
- Ford WSS-M2C946A**
- Chrysler MS-6395*

*Please note official claim apply to SAE 5W20, only

**Please note official claim apply to SAE 5W30, only

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