

Ultima EcoDrive F 5W-30

PRODUCT DESCRIPTION

Ultima EcoDrive F 5W-30 is a 100% synthetic, resource conserving premium engine oil, engineered for modern four cycle gasoline and diesel engines of passenger cars and light commercial trucks, equipped with exhaust catalytic reduction systems (TWC).



The product is manufactured using unique antifriction ZFM™ Technology from specially selected synthetic base oils (including PAO & esters) with high viscosity index and outstanding oxidation stability. Ultima EcoDrive F 5W-30 maintains optimal engine cleanliness, prevents formation of varnish, burnout and low temperature deposits. All these guarantee decreased wear, maximized durability and excellent performance of the latest high-tech engines.

APPLICATION

- Ultima EcoDrive F 5W-30 is recommended for passenger cars and commercial vehicles which require engine oils with High Temperature High Shear ≥ 2.9 cSt performance specification.
- The product is engineered to provide optimum engine protection for passenger cars and SUVs for operation in severe urban conditions, where "stop-and-go" driving cycles are typical.
- Ultima EcoDrive F 5W-30 is suitable for vehicles operating in very cold climate conditions, where the use of conventional oils is not possible because of fluidity loss.

CUSTOMER BENEFITS

- The product effectively reduces wear of parts, enables operation under boundary lubrication, and allows maximized engine durability.
- The balanced formulation of this product has good high temperature stability and excellent protective characteristics, which allow to increase reliability of engines significantly and operate under extreme loads.
- Ultima EcoDrive F 5W-30 meets requirement of "Low SAPS" oil in terms of sulfur, phosphorous and sulfated ash limits, which are essential for long life of three way catalytic converters (TWCs).
- The product contributes to lowering emissions and complies with stringent requirements of the latest environmental standards.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN/CF, Resource Conserving;
- ILSAC GF-5;
- ACEA A5/B5;
- Ford WSS-M2C-913-C.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	METHODS
SAE Grade		5W-30	
Kinematic viscosity at: 40°C	cSt	68.53	ASTM 445
100°C	cSt	11.41	ASTM 445
Flash point	°C	230	ASTM D92
Pour point	°C	-42	ASTM D97
Density at 30 °C	kg/l	0.8500	ASTM D4052
Dynamic viscosity -30°C, CCS	cPs	5795	ASTM D5293
Total Base Number, TBN	mgKOH/g	6.94	ASTM D2896
Viscosity index		160	ASTM D2270
Color		L3.0	ASTM D1500

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Cans, packed in cardboard boxes, must be stored in dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors on pallets and racks.
- If stored outdoors drums should be placed sidewise to avoid accumulation of moisture.

HEALTH, SAFETY AND ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

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