



PRODUCT DATA SHEET

DuraMAX[®] SYNTHETIC 0W-16 MOTOR OIL

SYNTHETIC PASSENGER CAR MOTOR OIL



PRODUCT DESCRIPTION

DuraMAX[®] SYNTHETIC SAE 0W-16 MOTOR OIL is a fully synthetic, smooth-running motor oil with Thin Film technology to satisfy the requirements of the new SAE category 0W-16 for use in modern 4, 6 & 8+ cylinder multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged, low emission gasoline engines, including gasoline/electric hybrids.

PRODUCT APPLICATION

DuraMAX SYNTHETIC SAE 0W-16 MOTOR OIL is formulated for use in Lexus, Mitsubishi, Honda, Nissan, Toyota, and any other gasoline engine requiring use of an 0W-16 or 0W-20 engine oil. Suitable for use in passenger cars, 4WDs & light commercial vehicles and can be used with petrol/gasoline including E10.

This product is not for use in vehicles not specifically designed to run on low viscosity engine oils. It cannot be used in diesel engine vehicles or in motorcycles.

SPECIFICATIONS

API SP, SN Plus, SN
ILSAC GF-6B

DuraMAX Full Synthetic 0W-16 is recommended by most Asian auto makers and is optimized for hybrid and ECO cars where 0W-16 or 0W-20 is specified.

Current models include Lexus ES3000H, Mitsubishi, Toyota Camry 4-cylinder gasoline engines, Camry Hybrid, Prius C, Honda Fit, Accord, Odyssey, and CR-Z.

FEATURES AND BENEFITS

DuraMAX SYNTHETIC SAE 0W-16 MOTOR OIL uses cutting edge Thin Film Technology that forms a consistent layer of oil that protects an engine's rotating parts from heat and friction. By combining high viscosity index synthetic base oils with specialized friction modifiers, Duramax Synthetic 0W-16 provides optimum protection against oxidation and wear at all operating temperatures.

DuraMAX SYNTHETIC SAE 0W-16 uses the latest advances in Mid SAPS (Sulfated Ash, Phosphorus and Sulfur) additive technology and features low volatility synthetic base oil that minimizes oil loss.

- Protection for multi-cam, multi-valve (including VVT), naturally aspirated, supercharged & turbocharged, low emission petrol engines, including petrol/electric hybrids
- Up to 60% cleaner pistons than the industry standard with no oil related deposits in combustion chamber
- Flows easily to all parts of engine to maximize compression and protects engine components from wear which can lead to loss of power
- Excellent cold start performance ensures optimum lubrication reliability in the cold running phase without increasing volatility



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 0W-16
Viscosity @ 40°C (cSt)	ASTM D445	38.8
Viscosity @ 100°C (cSt)	ASTM D445	7.6
Viscosity Index	ASTM D2270	168
Flash Point, °C/°F	ASTM D92	205/401
Pour Point, °C/°F	ASTM D5950	-45/-49
Cold Cranking Simulator @ -30°C, cP	ASTM D5293	5465
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	2.32
NOACK Volatility, % loss	ASTM D5800	14
TBN, mg KOH/g	ASTM D2896	7.0

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.RELADYNE.com Rev (0422-01)



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