



PRODUCT DATA SHEET

DuraMAX[®] SYNTHETIC BLEND MOTOR OIL

PASSENGER CAR MOTOR OILS



PRODUCT DESCRIPTION

DuraMAX[®] SYNTHETIC BLEND MOTOR OILS are formulated from highly refined paraffinic and synthetic base oils, combined with the latest additive chemistries to provide improved fuel economy, better protection to emission systems, and meet new API SP and ILSAC GF-6 requirements.

PRODUCT APPLICATION

DuraMAX SYNTHETIC BLEND MOTOR OILS are recommend for use in the following vehicle and engine types:

- Passenger cars, light-duty trucks, sport utility vehicles and gasoline-powered four-stroke engines
- Gasoline or flex fuel (up to E85) powered engines as prescribed by the manufacturer
- Engines and manufactures specifying API SP/ILSAC GF-6A approved engine oil
- Engines fitted with gasoline direct injection (GDI), turbocharged gasoline direct injection (TGDI) and/or variable valve timing

SPECIFICATIONS

API SP
 ILSAC GF-6A (SAE 5W-20, 5W-30, 10W-30)
 Chrysler MS-6395 (SAE 5W-20, 5W-30, 10W-30)
 Chrysler MS-10797 (SAE 5W-20)
 MS-10797 (SAE 5W-20)
 Ford WSS-M2C945-B1 (SAE 5W-20)
 Ford WSS-M2C960-A1 (SAE 5W-20)
 Ford WSS-M2C946-B1 (SAE 5W-30)
 GM 6094M (SAE 5W-20, 5W-30, 10W-30)

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 5W-20	SAE 5W-30	SAE 10W-30	SAE 10W-40	SAE 20W-50
Viscosity @ 40°C (cSt)	ASTM D445	51.6	67.5	68.2	107.3	163.2
Viscosity @ 100°C (cSt)	ASTM D445	8.9	11.2	10.5	15	18.3
Viscosity Index	ASTM D2270	153	159	142	146	125
Flash Point, °C/°F	ASTM D92	220/428	220/428	220/428	237/459	240/464
Pour Point, °C/°F	ASTM D5950	-45/-49	-45/-49	-42/-44	-39/-38	-30/-22
Cold Cranking Simulator @ °C, cP	ASTM D5293	5150 (-30)	5500 (-30)	5300 (-25)	6100 (-25)	9425 (-15)
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	2.68	3.05	2.97	3.99	4.67
NOACK Volatility, % loss	ASTM D5800	13	12	12	11	5.1
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0	20/0	20/0	0/0	10/0
TBN, mg KOH/g	ASTM D2896	7.0	7.0	7.0	7.0	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 (0222-01)

FEATURES AND BENEFITS

DuraMAX SYNTHETIC BLEND MOTOR OILS help protect today's complex engine components and systems that must operate at ever-increasing levels of fuel efficiency, wear protection and emissions control:

- Delivers a greater level of protection against Low Speed Pre-Ignition (LSPI) in GDI/TGDI engines than previous industry specifications
- Robust anti-wear additives help protect timing chains and valvetrains
- Better control of sludge, high temperature deposit formation and viscosity increase than previous generation gasoline engine oils
- Improved fuel economy and fuel economy retention for both gasoline and gasoline/hybrid engines
- Enhanced oxidation safeguards, corrosion prevention and engine cleanliness

DuraMAX SYNTHETIC BLEND MOTOR OILS are backward compatible to previous API and ILSAC categories for gasoline engine oils.



RelaDyne | 8280 Montgomery Road, Suite 1 | Cincinnati, OH 45236 | 1-888-830-3156 | www.reladyne.com

