



PRODUCT DATA SHEET

# DuraMAX<sup>®</sup> SYNTHETIC BLEND MOTOR OIL

PASSENGER CAR MOTOR OILS



## PRODUCT DESCRIPTION

DuraMAX<sup>®</sup> SYNTHETIC BLEND MOTOR OILS are formulated with highly refined conventional and synthetic base oils combined with advanced additive chemistries to provide improved fuel economy, better protection against low speed pre-ignition (LSPI), and enhanced deposit control when compared to ILSAC GF-6 motor oils

## 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 engines fitted with gasoline particulate filters (GPF)
- Engines and manufactures specifying an API SQ/ILSAC GF-7A approved engine oil
- Engines fitted with gasoline direct injection (GDI), turbocharged gasoline direct injection (TGDI) and/or variable valve timing

*Always consult your vehicle's owner's manual for the manufacturer's recommended oil viscosity grade and proper API service classification.*

## SPECIFICATIONS

- API SQ Resource Conserving (SAE 5W-20, 5W-30, 10W-30)
- API SQ (SAE 10W-40, 20W-50)
- ILSAC GF-7A (SAE 5W-20, 5W-30, 10W-30)
- Chrysler MS-6395 (SAE 5W-20, 5W-30, 10W-30)
- Ford WSS-M2C970-A1 (SAE 5W-20)
- Ford WSS-M2C971-A1 (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](http://www.RELADYNE.com) Rev (0126-01)

## 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:

- Greater level of protection against Low Speed Pre-Ignition (LSPI) in GDI/TGDI engines than previous industry specifications
- Better control of sludge, high temperature deposit formation and viscosity loss than previous generation gasoline engine oils
- Advanced additive chemistry help protect timing chains, bearings and camshafts from wear and corrosion
- Improved fuel economy, pumpability and piston cleanliness in both gasoline and gasoline/hybrid engines
- Lowered ash content supports gasoline particulate filters (GPF) that help meet stringent emissions standards

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



RelaDyne, LLC. | 6405 Cavalcade St., Building 1 | Houston, TX 77026 | 1-888-830-3156 | [www.reladyne.com](http://www.reladyne.com)

