



PRODUCT DATA SHEET

DuraMAX[®] SYNTHETIC MOTOR OIL

SYNTHETIC ENGINE OIL



PRODUCT DESCRIPTION

DuraMAX[®] SYNTHETIC MOTOR OILS are advanced formula 100%, synthetic engine oils designed for vehicles operating under severe driving or extreme temperature conditions. Compared to conventional motor oils, they provide improved engine cleanliness, high temperature deposit protection and reduced oil consumption.

PRODUCT APPLICATION

DuraMAX SYNTHETIC MOTOR OILS are designed for use in gasoline-powered passenger cars, light trucks and sport utility vehicles. They may also be used in gasoline engines fitted with turbochargers (including TGD engines), superchargers and emission control system catalyst including gasoline-electric hybrids.

DuraMAX SYNTHETIC MOTOR OILS are compatible with ethanol-containing fuels up to E85.

SPECIFICATIONS

API SP Resource Conserving, SN Plus
ILSAC GF-6A
Chrysler MS-6395
Ford WSS M2C962-A1, WSS-M2C947-B1 (SAE 0W-20)
Ford WSS M2C960-A1, WSS-M2C945-B1 (SAE 5W-20)
Ford WSS M2C930-A (SAE 5W-20)
Ford WSS M2C961-A1, WSS-M2C946-B1 (SAE 5W-30)
GM 6094M
Honda (SAE 0W-20)
Hyundai (SAE 0W-30, 5W-30)
Kia (SAE 0W-30, 5W-30)
Mazda (SAE 0W-20)
Toyota (SAE 0W-20)

FEATURES AND BENEFITS

DuraMAX SYNTHETIC MOTOR OILS are formulated to meet and surpass API SP and ILSAC GF-6A industry standards in order to meet the ever-increasing performance and emissions requirements of today's technologically advanced engine systems:

- Improved control of sludge, high temperature deposit formation and viscosity increase than previous generation gasoline engine oils
- Robust anti-wear and friction control additives help protect timing chains and valvetrains from stretching and surface degradation
- Protects Turbocharged Gasoline Direct Injection (TGDI) engines that may experience Low-Speed Pre-Ignition (LSPI).
- Maintains more consistent viscosity than previous generation chemistry which helps extend both drain intervals and engine life.
- Helps reduce fuel costs while still providing excellent protection against engine wear under the most extreme operating conditions.



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	SAE 0W-20	SAE 0W-30	SAE 5W-20	SAE 5W-30	SAE 10W-30
Viscosity @ 40°C (cSt)	ASTM D445	44.6	58.1	48.9	54.8	61.8
Viscosity @ 100°C (cSt)	ASTM D445	8.5	10.9	8.7	9.9	9.9
Viscosity Index	ASTM D2270	171	183	158	169	145
Flash Point, °C/°F	ASTM D92	226/439	220/428	226/439	227/441	225/437
Pour Point, °C/°F	ASTM D5950	-45/-49	-40/-40	-45/-49	-45/-49	-42/-44
Cold Cranking Simulator @ °C, cP	ASTM D5293	5800 (-35)	5700 (-35)	4450 (-30)	4400 (-30)	3760 (-25)
High Temp/High Shear Vis @ 150°C, cP	ASTM D5481	2.7	3.0	2.7	3.2	3.0
NOACK Volatility, % loss	ASTM D5800	11.0	12.0	10.0	11.5	8.5
TBN, mg KOH/g	ASTM D2896	8.0	7.3	8.0	8.0	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 (0924-01)



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