Full Synthetic XLT

Next Generation Synthetic Technology

Cutting Edge Synthetic Technology Delivering Optimized Engine Performance from the Most Advanced Lubrication and Additive Technology.

dexos® APPROVED - GEN 2

DuraMAX® Full Synthetic XLT Motor Oils are formulated with Extreme Lubrication Technology to exceed the performance requirements of the current ILSAC GF-5 specification and address the enhanced performance demands of the latest engine technology including Gasoline Direct Injection (GDI) and Turbocharged Gasoline Direct Injection (TGDI) engine designs.

DuraMAX® Full Synthetic XLT Motor Oils are licensed ILSAC GF-5 and API SN oils and carry GM dexos1™ Gen 2 approvals (0W-20, 5W-30). They deliver unsurpassed protection and performance, including the following benefits:

- Unsurpassed wear protection for critical engine parts that extend the life of your engine
- Advanced additives that help prevent deposits and sludge and keep engines cleaner than conventional, synthetic blends, and most other full synthetic oils
- Extreme protection against the potential for pre-ignition in GDI and TGDI designs, exceeding both the currently defined OEM requirements and the anticipated future industry performance targets
- Protects engines in extreme conditions with exceptional cold weather performance providing faster oil flow at lower temperatures
- Meets or exceeds GM dexos1™ Gen 2 specifications for worldwide warranty requirements for all GM automotive gasoline engines currently in use. The oils are fully licensed by GM.
- Exceeds the license and approval requirements of the ILSAC GF-5 and API SN specifications

DuraMAX® Full Synthetic XLT oils deliver the ability to extend drain intervals up to 20,000 miles.*
If drain interval exceeds 10,000 miles, a synthetic filter capable of meeting extended drain intervals is required.

FORMULATED FOR TODAY'S ENGINE DESIGNS

OEMs continue to evolve engine designs that demand more from motor oil. One brand has evolved right alongside - DuraMAX®. It provides unsurpassed protection, even in our lightest viscosities, and protects better than previous oil formulations. DuraMAX® advanced oil chemistry actually improves oil properties through time, retaining viscosity, friction and anti-wear benefits, in spite of severe engine temperatures.

**If your vehicle is covered by a warranty, follow the vehicle's oil life sensor or the oil change interval recommended by the manufacturer.*

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Performance Results

- **ENGINE WEAR PROTECTION - SOOT RELATED WEAR**: DuraMAX® Full Synthetic XLT products show enhanced wear protection versus GF-5 and maintain this performance in next generation industry tests against provisional limits.
- **EXTENDED DRAIN WEAR PROTECTION**: Based on industry bench testing improvements, extended drain wear claim was developed for DuraMAX® Full Synthetic XLT in TGDI engines.
- **OPTIMUM FE IMPROVEMENT ACROSS DRAIN INTERVAL**: DuraMAX® Full Synthetic XLT shows 0.7-0.9% fuel economy improvement with excellent retention across the drain interval.
- **PRE-IGNITION PROTECTION**: DuraMAX® Full Synthetic XLT shows consistent "zero" events in GM tests and 40-65% lower pre-ignition tendency in Ford LSPI tests than required to meet the new industry specification.
- **ENGINE WEAR PROTECTION - VALVE TRAIN WEAR**: DuraMAX® Full Synthetic XLT shows a 30% lower chain stretch than proposed Ford specification.
- **ENGINE CLEANLINESS PROTECTION**: DuraMAX® Full Synthetic XLT consistently shows less than 50% of the allowed oil thickening across a range of different base oil options within robust WPD cleanliness.
- **GM TURBOCHARGER PROTECTION**: DuraMAX® Full Synthetic XLT maintains turbocharger protection far beyond the minimum standard of the GM test, controlling oil temperature increase.
- **INTAKE VALVE CLEANLINESS**: In-house testing has identified a significant benefit for DuraMAX® Full Synthetic XLT in reducing intake valve deposit formation, maintaining combustion efficiency and fuel economy.

Typical Properties

Viscosity Grade	0W-20	5W-20	5W-30	10W-30
Appearance	Dark brown viscous liquid	Dark brown viscous liquid	Dark brown viscous liquid	Dark brown viscous liquid
Specific Gravity @ 60°F (15.6°C)	0.8469	0.8497	0.8474	0.8533
Density, lb/gal.	7.07	7.09	7.07	7.12
Flash Point, °C	198 Typical	206 Typical	200 Typical	208 Typical
Viscosity @ 100°C cSt	8.328	8.529	10.89	10.53
Viscosity Index	170	159	175	152

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Industry/OEM Specifications

	0W-20	5W-20	5W-30	10W-30
API SN	Approved	Approved	Approved	Approved
ILSAC GF-5	Approved	Approved	Approved	Approved
dexos1™ Gen 2	Approved		Approved	
Chrysler MS-6395	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use
GM 6094M	Meets Requirements	Meets Requirements	Meets Requirements	Meets Requirements
GM 4718M				
GM LL-A-025				
Honda HTO-06 *				
Ford WSS-M2C153-H		Approved		
Ford WSS-M2C930-A		Approved		
Ford WSS-M2C945-A		Approved		
Ford WSS-M2C929-A			Approved	
Ford WSS-M2C946-A			Approved	
Ford WSS-M2C947-A	Approved			

GM LL-A-025, GM 4718M and GM 6094M are superseded by dexos1® Gen 2.

**DuraMAX Full Synthetic XLT can be used where the Honda HTO-6 specification is required.*