

## ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5 ENGINE OILS

### OVERVIEW

**ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5** engine oils are the latest iteration in advanced protection for your gasoline-fueled GM vehicles. These premium synthetic motor oils are specifically designed to inhibit LSPI (low speed pre-ignition), an engine event which can cause premature engine wear and, in some instances, catastrophic engine failure in GDI (gas direct injected) and turbo-boosted engines. Their proprietary formulas of high performance synthetic base stocks and advanced additive system are specifically engineered for turbocharged direct-injected gasoline vehicles operating in low-speed and high-load driving conditions. ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5 products are licensed and approved by General Motors. These lubricants are designed to perform under extreme conditions, have excellent cold temperature properties, resist thermal breakdown, and exceed the performance requirements of API SN/SN PLUS and ILSAC GF-5 licensing categories and are now recommended against Ford Motor Company's LSPI specifications WSS-M2C947-A and Ford WSS-M2C946-A.

### FEATURES & BENEFITS

**ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5** engine oils are formulated to protect against LSPI events and are scientifically proven to provide superior engine protection longer than standard SN/SN PLUS GF-5 products. These oils are exceptionally shear stable, have extremely low volatility resulting in less oil burn off at high temperatures, and contain robust anti-oxidation technology and detergency. The advanced additive system in ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5 ensures excellent protection against sludge and varnish, makes them highly resistant to foaming, corrosion, and thermal breakdown, while improving overall oil film strength for greater wear protection and a lower coefficient of friction to improve fuel economy.

### APPLICATIONS

**ADVANTAGE FULL SYNTHETIC dexos1™/SN/SN PLUS/GF-5** engine oils are recommended for all types of modern gasoline-fueled vehicles, including high-performance turbo-charged, supercharged, multi-valve fuel injection and gas direct injected engines found in passenger cars, SUV's, light vans and trucks. These fluids are backward compatible for all GM and Ford vehicles and suitable for a variety of other brand vehicles specifying these viscosity grades. Always refer to your owner's manual for your recommended viscosity grade.

### SPECIFICATIONS

**0W-20: API SN • ILSAC GF-5 • GM dexos1™ Gen 2 • Ford WSS-M2C947-A • Ford WSS-M2C947-B1 • Daimler Chrysler MS-6395 • Foreign & Domestic vehicles specifying 0W-20, GM vehicles previously requiring dexos1™ 5W-20**

**5W-30: API SN • ILSAC GF-5 • GM dexos1™ Gen 2 • Ford WSS-M2C946-A • Ford WSS-M2C946-B1 • Daimler Chrysler MS-6395 • Foreign & Domestic vehicles specifying 5W-30**

### TYPICAL PROPERTIES

PROPERTY	0W-20	5W-30
Product Code	579	593
dexos1™ Gen 2 License Number	D10458HH111	D10459HH111
Viscosity, cSt @ 100°C	8.1	10.9
Viscosity, cSt @ 40°C	42.8	62.1
Viscosity, CCS cP @ °C	5450 (-35)	5000 (-30)
Viscosity Index	166	169
High Temp/High Shear Viscosity, cP @ 150°C	2.6	3.2
Pour Point, °C	-51	-45
Flash Point, °C	227	227
Zinc, Wt. (%)	.085	.085
Calcium, Wt. (%)	.135	.135
Phosphorus, Wt. (%)	.077	.077
NOACK, Wt. (%)	11	12