

## Full Synthetic Motor Oil/ Dexos1 Gen2 (SN Plus) Premium Gold

<b>SAE:</b>	<b>0W20</b>	<b>5W20</b>	<b>5W30</b>
<b>Product Code:</b>	<b>501</b>	<b>502</b>	<b>503</b>

### OVERVIEW

**Full Synthetic Motor Oil/ Dexos1 Gen2 SN Plus** engine oils are the latest in advanced protection for gasoline-fueled GM vehicles. These 100% 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. **Full Synthetic Motor Oil/ Dexos1 Gen2 SN Plus** engine oils 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

**Full Synthetic Motor Oil/ Dexos1 Gen2 SN Plus** 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 **Full Synthetic Motor Oil/ Dexos1 Gen2 SN Plus** 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

**Synthetic Motor Oil/ Dexos1 Gen2 SN Plus** 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.

### SPECIFICATION /Suitable for Use Claims

0W-20: exceeds API SN • SN Plus • ILSAC GF-5 • ACEA A1-12/A5-12 • 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-20: Exceeds API SN • ILSAC GF-5 • ACEA A1-12/A5-12 • GM dexos1™ Gen 2 • Ford WSS-M2C945-A • Foreign & Domestic vehicles specifying 5W-30.

5W-30: Exceeds API SN • SN Plus • ILSAC GF-5 • ACEA A1-12/A5-12 • GM dexos1™ Gen 2 • Ford WSS-M2C946-A • Ford WSS-M2C946-B1 • Daimler Chrysler MS-6395 • Foreign & Domestic vehicles specifying 5W-30.

**ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER LUBRICANT OIL FOR YOUR EQUIPMENT.**

## TYPICAL TEST DATA

PRODUCT CODE	501	502	503
SAE GRADE	0W-20	5W-20	5W-30
API/ILSAC/ACEA Specifications	SN, SN Plus/GF-5 /A1-12/A5-12	SN/GF-5 /A1-12/A5-12	SN, SN Plus/GF-5 /A1-12/A5-12
Specific Gravity	0.845	0.854	0.850
Viscosity, cSt @ 100°C	8.1	8.3	10.9
Viscosity, cSt @ 40°C	42.8	46.8	62.1
Viscosity, CCS cP @°C	5450 (-35)	4890 (-30)	5000 (-30)
Viscosity Index	166	152	169
Pour Point, °C	-51	-39	-45
High Temp/High Shear Viscosity, cP @ 150°C	2.6	2.6	3.2
Flash Point, °C	227	436	227
Zinc, Wt. (%)	0.085	-	0.085
Calcium, Wt. (%)	0.135	-	0.135
Phosphorus, Wt. (%)	0.077	-	0.077
NOACK, Wt. (%)	11	10	12

The above test data are average values only. Minor variations which do not affect product performance are to be expected during manufacturing. Specific PDS for each product will be provided upon purchase.