

# CITGO SUPERGARD® SYNTHETIC MOTOR OILS

---



Date 03/12

**DESCRIPTION:** CITGO SUPERGARD Synthetic Motor Oils are well-balanced combinations of today's highest quality synthetic base stocks and contain an advanced additive system that meets stringent automotive specifications. They are designed to provide excellent protection in today's high performance gasoline (including turbocharged and supercharged) engines in passenger cars, vans, sport utility vehicles, and light trucks. These synthetic engine oils demonstrate improved performance in today's advanced engine designs, and are available in SAE 5W-20, 5W-30, 10W-30 and 0W-20 viscosity grades.

- QUALITIES:**
- Excellent low-temperature starting and pumpability characteristics
  - High-temperature/high-shear properties well above conventional oils
  - Lower volatility when compared to conventional oils
  - Excellent thermal and oxidation stability
  - Enhanced protection against varnish buildup and sludge formation in critical engine parts for top performance and long engine life
  - Extended engine life due to control of wear and deposit formation
  - Compatible with conventional and synthetic motor oils

**APPLICATIONS:** SUPERGARD Synthetic Motor Oils are recommended for passenger cars, sport utility vehicles and light trucks operating on gasoline. They are also recommended for use in gasoline engines which have been converted to operate on compressed natural gas (CNG), liquified natural gas (LNG), and liquified petroleum gas (LPG-which includes propane and butane). Consult the vehicle owner's manual for proper engine lubricant selection.

SUPERGARD Synthetic Motor Oils meet the performance requirements for the latest gasoline-fueled engine service ILSAC GF-5/Resource Conserving and API SN and display the API Certification Mark and API Service Symbol. They have also demonstrated benefits in industry accepted fuel economy tests.

SUPERGARD Synthetic SAE 5W-30 meets the GM dexos™ 1 specification and provides excellent performance where GM4718M or GM6094M is referenced.

SUPERGARD Synthetic SAE 10W-30 provides excellent performance where GM6094M is referenced.

SUPERGARD Synthetic SAE 0W-20 is recommended for Original Equipment Manufacturers (OEM) such as Toyota and Honda where a SAE 0W-20 is specified.

**Note:** CITGO SUPERGARD Synthetic Motor Oils are not recommended for use in diesel engines in passenger cars, vans or light trucks. CITGO CITGARD® Motor Oils are recommended for these applications.

(Continued)

CITGO SUPERGARD® SYNTHETIC MOTOR OILS



Date 03/12 - (Continued)

TYPICAL PROPERTIES:

CITGO SUPERGARD® SYNTHETIC MOTOR OILS

SAE Grade	0W-20	5W-20	5W-30	10W-30
Material Code	620860001	620859001	620861001	620863001
Gravity, ASTM D 4052, °API	35.0	34.5	34.2	34.2
Pounds Per Gallon	7.08	7.10	7.11	7.11
Flash Point, ASTM D 92, °F (°C), COC	428 (220)	442 (228)	450 (232)	450 (232)
Low Temperature Cranking, ASTM D 5293				
Temperature, °F (°C)	-31 (-35)	-22 (-30)	-22 (-30)	-13 (-25)
Viscosity, cP	5,190	5,300	4,080	4,000
Viscosity, ASTM D 445, cSt at 40°C	46.0	52.0	58.5	62.0
cSt at 100°C	8.5	8.7	10.5	10.2
Viscosity Index, ASTM D 2270	164	145	171	152
Pour Point, ASTM D 97, °F (°C)	-33 (-36)	-33 (-36)	-27 (-33)	-27 (-33)
Color, ASTM D 1500	L3.5	L3.5	L3.5	L3.5
ILSAC GF-5	Yes	Yes	Yes	Yes
API SN	Yes	Yes	Yes	Yes
Resource Conserving	Yes	Yes	Yes	Yes
Meets GM dexos™ 1	—	—	Yes	—