



CITGO® SUPERGARD® UltraLife® Full Synthetic Motor Oils

OVERVIEW



- Ultra-premium quality engine oils designed to maximize the performance and longevity of older, high-mileage engines (including turbocharged and supercharged) in gasoline and hybrid powered passenger cars, vans, sport utility vehicles and light trucks.
- Formulated with fully synthetic base oils and a balance of highly effective additives to maintain the engine's performance and reduce the need for expensive unexpected repairs.
- Protects warranties where fully licensed API service category SP and ILSAC GF-6A (and prior categories) oils are required.

FEATURES & BENEFITS



- Extends the normal life of the emissions system by protecting the catalytic converter from contamination.
- Reduces Oil consumption, maintaining exceptional engine wear protection.
- Protects newer high-mileage, high-power density, Gasoline Direct Inject (GDI) engines from Low Speed Pre-ignition (LSPI) and timing chain wear.
- Prevents the production of sludge, corrosion, and deposits on engine parts increasing reliability and maintaining performance.
- Proven to protect Hybrid engines (both new and high mileage) from the drastic effects of high frequency start and stop operation.

APPLICATIONS



- Recommended as premium protection for older, higher mileage, rebuilt, and new passenger cars, sport utility vehicles, and light trucks operating on gasoline.
- Licensed API SP and ILSAC GF-6A and backward compatible with prior API Service categories (SN Plus, SN, SM, SL, and SJ).
- Viscosity grades SAE 0W-20, 5W-20, and 5W-30 for coverage of newer, higher mileage, and hybrid engines.
- Refer to equipment owner's manual for proper lubricant recommendation.

PROPERTIES**Typical Properties for CITGO SUPERGARD UltraLife Full Synthetic Motor Oils:**

SAE Grade	0W-20	5W-20	5W-30
Material Code	620898001	620899001	620900001
Gravity, ASTM D4052, °API	35.3	34.7	35.3
Pounds Per Gallon	7.06	7.27	7.06
Flash Point, COC, ASTM D92, °F (°C)	221 (430)	232 (450)	236 (457)
Low Temperature Cranking, ASTM D5293			
cP at -35°C	4926		
cP at -30°C		5399	4518
Viscosity, ASTM D445			
cSt at 40°C	44.9	53.0	59.21
cSt at 100°C	8.7	9.0	10.4
Viscosity Index, ASTM D2270	176	154	166
Pour Point, ASTM D97, °F (°C)	-45 (-49)	-42 (-44)	-39 (-38)
Color, ASTM D1500	3.5	3.5	3.0
ILSAC	GF-6A	GF-6A	GF-6A
API SP/Resource Conserving	Yes	Yes	Yes
Ford WSS-	M2C962-A1	M2C960-A1	M2C961-A1
Chrysler MS 6395	Yes	Yes	Yes

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