

CITGO SUPERGARD® ULTRALIFE®
MOTOR OILS



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DESCRIPTION: CITGO SUPERGARD UltraLife Motor Oils are premium quality engine oils designed to improve the life of older, higher-mileage engines. They will provide optimum performance in higher mileage gasoline engines including turbocharged and supercharged engines found in passenger cars, vans, sport utility vehicles, and light trucks. These oils are formulated with highly refined base oils and additive systems that will handle those problems associated with older, higher-mileage engines that have exceeded their warranty.

- BENEFITS:** CITGO SUPERGARD UltraLife Motor Oils benefits your engine in the following ways:
- Provides extra wear protection
 - Provides improved seal conditioning to help reduce oil leakage and valve deposits
 - Offers excellent resistance to oil burn-off
 - Provides extra cleaning to critical engine parts
 - Helps improve overall engine performance
 - Offers excellent oxidation and thermal stability to help maintain engine cleanliness and deposit formation
 - Consult the owner’s manual for proper lubricant selection.

APPLICATIONS: CITGO SUPERGARD UltraLife Motor Oils are recommended for the older higher mileage, rebuilt, and new passenger cars, sport utility vehicles and light trucks operating on gasoline. CITGO SUPERGARD UltraLife Motor Oils are available in SAE 5W-20, 5W-30, 10W-30, and 10W-40 grades, are licensed for API SN, and are backward compatible with prior API Service Categories (SM, SL and SJ). Additionally, the SAE 5W-20, 5W-30 and SAE 10W-30 grades are licensed ILSAC GF-5 Resource Conserving.

TYPICAL PROPERTIES:

CITGO SUPERGARD® ULTRALIFE® MOTOR OILS

| SAE Grade | 5W-20 | 5W-30 | 10W-30 | 10W-40 |
|---|-----------|-----------|-----------|-----------|
| Material Code | 620891001 | 620892001 | 620893001 | 620894001 |
| Gravity, ASTM D4052, °API | 32.1 | 32.6 | 30.7 | 31.0 |
| Density, lb/gal at 60°F | 7.20 | 7.18 | 7.27 | 7.25 |
| Flash point, COC, ASTM D92, °F (°C) | 450 (232) | 450 (232) | 450 (232) | 453 (234) |
| Viscosity ASTM D445, cSt at 40°C | 48.8 | 65.7 | 73.5 | 102.0 |
| cSt at 100°C | 8.3 | 10.9 | 11.0 | 15.0 |
| Viscosity Index | 150 | 158 | 139 | 154 |
| Pour Point, ASTM D97, °F (°C) | -42 (-41) | -38 (-39) | -44 (-42) | -38 (-39) |
| Low Temperature Cranking at -22 °F (-30°C), ASTM D5293, cP | 6,280 | 6,250 | – | – |
| Low Temperature Cranking at -13 °F (-25°C), ASTM D5293, cP | – | – | 6,180 | 6,080 |
| Low Temperature Pumping at -31°F (-35°C), ASTM D4684, cP | 21,200 | 29,300 | – | – |
| Low Temperature Pumping at -22°F (-30°C), ASTM D4684, cP | – | – | 23,200 | 31,500 |
| Yield Stress, Pa | <35 | <35 | <35 | <35 |

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