

# UNITED FULL SYNTHETIC PASSENGER CAR MOTOR OIL



United Full Synthetic Passenger Car Motor Oil is formulated with synthetic base oil, a shear-stable viscosity index improver, and an advanced detergent and dispersant package to provide excellent engine cleanliness and protection against low-speed pre-ignition (LSPI). The full synthetic base oil in United Full Synthetic Passenger Car Motor Oil provides improved oxidation resistance, a high viscosity index to ensure protective films at high temperatures and enhanced cold temperature performance. In addition, United Full Synthetic Passenger Car Motor Oil contains wear-control and friction modifiers, foam suppressants, corrosion inhibitors, and an antioxidant package. The high level of detergency and dispersancy protects against sludge and rust, even under severe operating conditions. United Full Synthetic Passenger Car Motor Oil has low volatility for reduced oil consumption and protection of emission control system catalysts.

## Features:

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- Formulated with 100% synthetic base oil to meet NOACK Volatility and ASTM D-5800 test requirements
- Provides protection against low-speed pre-ignition (LSPI), which is a phenomenon that can lead to pre-ignition knock in turbocharged, direct injection gasoline engines
- **Licensed General Motors (GM) dexos1 Gen 3 (SAE 0W-20 and 5W-30)**
- Provides excellent oxidative stability and low-temperature performance
- Contains a robust detergent package for excellent engine cleanliness
- Provides excellent anti-wear protection of critical engine parts
- Features a high viscosity index to ensure easy cold starting and protective films that reduce viscosity breakdown
- Contains a high level of dispersancy to protect against sludge, engine rust, and corrosion under severe operating conditions
- Offers low volatility for reduced oil consumption and protection of the emission control system catalysts
- Designed for today's gasoline engines that operate at higher temperatures

# TYPICAL SPECIFICATION DATA

UNITED FULL SYNTHETIC PASSENGER CAR MOTOR OIL			
SAE GRADE	0W-20	5W-20	5W-30
Viscosity @ 100°C (cSt)	8.8	8.7	10.0
Viscosity @ 40°C (cSt)	45.9	47.0	57.0
Viscosity Index	175	166	164
Density (lb/gal)	7.03	7.07	7.09
CCS Viscosity (cP)	5,300	3,400	5,000
Pour Point (°C)	-39	-36	-39
Pour Point (°F)	-38	-33	-38
Flash Point (°C)	224	228	230
Flash Point (°F)	435	442	446

## Meets or Exceeds:

- API SQ, SP, SN Plus, SN, SM, SL, SJ, SH
- Ford WSS-M2C962-A1 (SAE 0W-20), WSS-M2C960-A1 (SAE 5W-20), WSS-M2C961-A1 (SAE 5W-30)
- General Motors (GM) dexos1 Gen 3 licensed (SAE 0W-20 and 5W-30)
- ILSAC GF-7A, GF-6A, GF-5, GF-4, and prior
- JAMA
- Meets the performance requirements of Chrysler MS-6395
- Meets the service fill requirements of JAMA-member OEMs
- Resource Conserving

Product Availability				
		0W-20	5W-20	5W-30
12 x 1 Qt	Item #	270239	330741	330742
55 Gal	Item #	270237	267498	242880
265 Gal	Item #	270238	267499	242881
Bulk	Item #	268406	267497	242879