

# UNITED PASSENGER CAR MOTOR OIL

## SAE 5W-20, 5W-30, 10W-30



United Passenger Car Motor Oil is formulated with synthetic and highly refined conventional base oil, a shear stable viscosity index improver and utilizes an advanced detergent and dispersant package to provide excellent engine cleanliness. In addition, it contains wear control and friction modifiers, foam suppressants, corrosion inhibitors and an anti-oxidant package.

United Passenger Car Motor Oil contains high viscosity index base oil to ensure easy cold starting and provides a protective film for engine parts at high temperatures. The high level of detergency and dispersancy protects against sludge and rust, even under severe operating conditions.

### Features:

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- Formulated with a partial blend of 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 that can occur in turbocharged engines and gasoline direct injected engines
- Provides improved oxidative stability and low temperature performance
- Features a high-quality detergent package for excellent engine cleanliness
- Provides excellent anti-wear protection of critical engine parts
- Formulated with a high viscosity index to ensure easy cold starting and protective films
- A high level of dispersancy protects against sludge, engine rust and corrosion
- Features low volatility for reduced oil consumption and protection of emission control system catalysts
- Designed for today's gasoline engines that operate at higher temperatures

# TYPICAL SPECIFICATION DATA

SAE Grade	5W-20	5W-30	10W-30
API Gravity @ 60° F	31.5	32	31
Viscosity Index	145	145	135
Viscosity, cSt @ 100° C	8.2	10.4	10.4
Viscosity, cSt @ 40° C	48	66	70
SUS @ 210° F	53	61	61
SUS @ 100° F	223	306	326
CCS, cP @ °C	6400 @ -30	6400 @ -30	6600 @ -25
Pour Point, °C (°F)	-37 (-35)	-37 (-35)	-35 (-31)
Flash Point, °C (°F)	205 (400)	200 (395)	205 (400)
Sulfated Ash Wt. %	0.6	0.6	0.6
Volatility, % Loss	15.0	14.0	15.0

## Meets or Exceeds

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- API SN Plus, SN, SM, SL, SJ and SH
- Resource Conserving
- ILSAC GF-5, GF-4 and prior
- Ford WSS M2C947-B1 (0W-20), WSS M2C945-B1 (5W-20), WSS M2C946-B1 (5W-30)
- Meets the performance requirements of Chrysler MS-6395
- Meets the service fill requirements of JAMA member OEMs