



U.S. Synthetic 0W20 Engine Oil

Description:

U.S. Synthetic 0W20 Engine Oil is an API licensed synthetic motor oil. It is designed for use in gasoline engines requiring an API SM, ILSAC GF-4 quality lubricant. This oil exceeds the requirements of the latest industry fuel economy standards. It outperforms conventional oils with improved oxidation, heat, and sludge resistance and enhanced cold temperature performance.

Properties:

- Improved engine protection over petroleum in extreme temperatures
- Mid Sulfated Ash, Phosphorus & Sulfur (SAPS) formulation
- Provides great anti-wear protection for newer engines
- Low oil volatility
- Friction modified for enhanced fuel economy

Performance Properties:

- API SM
- ILSAC GF-4
- GM 6094M
- Ford WSS-M2C930-A
- Daimler Chrysler MS-6395N

Physical and Chemical Properties:

Property	Result
API Gravity @ 60°F	35
Viscosity @ 100°C, cSt	8.5
Viscosity @ 40°C, cSt	45.2
Viscosity Index, typ.	168
CCS Viscosity @ -35°C, cP	5600
MRV-TP1 Pass @ °C	<-40
Volatility, % loss @ 371°C	4.4
Phosphorus % wt.	0.077
Zinc % wt.	0.085

Application Recommendations:

U.S. Synthetic 0W20 Engine Oil is recommended for gasoline engines according to the performance specifications as listed and the OEM specified viscosity.