



Synthetic Blend SAE 5W-20 API SP/GF-6A

DESCRIPTION:

SAE 5W-20 Motor Oil provides extra protection against the harmful effects of city driving, where cars undergo a higher stress due to constant stopping and going. Its low friction formula helps improve gas mileage for long engine life and helps protect against rust, corrosion, startup wear, varnish build-up, and eliminates the need for extra oil additives. It also protects against thermal breakdown which helps prevent stuck rings. Specially formulated to protect high compression gasoline direct injection engines from the occurrence of Low Speed Pre-Ignition (LSPI) and Timing Chain Wear.

FEATURES/BENEFITS:

- Protection against timing chain wear and Low Speed Pre-Ignition (LSPI), a potentially catastrophic phenomena that occurs in GDI (gasoline direct injection) engines
- Advanced protection against rust, corrosion, sludge, varnish, and wear
- Improved fuel economy
- Improved thermal stability for smaller and hotter engines
- Excellent control for long automaker recommended oil change intervals

APPLICATIONS:

SAE 5W-20 Motor Oil meets or exceeds the demanding requirements of International Lubricant Standardization and Approval Committee (ILSAC) GF-6A and previous ILSAC categories GF-5 through GF-1. ILSAC GF-6 comprises the latest standard for passenger car, van, light truck and sport utility vehicles motor oils. **SAE 5W-20 Motor Oil** meets requirements of API SP and previous API categories API SN PLUS, SN, SM, SL. Viscosity recommendations vary according to temperature and engine manufacturer. Suitable for Hyundai and Kia vehicles.

Meets Requirements Of:

- ILSAC GF-6A
- API SP, SN PLUS, SN, SM, SL
- Ford WSS-M2C960-A
- Ford WSS-M2C945
- Chrysler MS-6395
- GM6094M

* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

SAE GRADE	5W-20
Specific Gravity, (60°F)	0.8588
Viscosity, @ 40°C, cSt	48.75
Viscosity, @ 100°C, cSt	8.37
Viscosity Index	147
Cold Crank, cP at -30°C	5,300

PREFERRED

Lubricants

Noack Volatility, %	12
HighTemp/HighShear, cP at 150°C	2.7
Flash Point, °F	442
Pour Point, °C (°F)	-42 (-44)
Color	2.5
Phosphorus, wt%	0.07
Zinc, wt%	0.08

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.