

# SYN BLEND SP/GF-6



## ENGINE OIL FOR PASSENGER CAR VEHICLES

Syn Blend SP/GF-6 is an automotive engine oil formulated with premium API Group II & Group III base oils and premium additives. It provides good wear protection, sludge control, and protection against rust and corrosion. The formulation is compatible with current emission control systems and meets standard API specifications.

### Advantages

- Formulated to be compatible with emission control system catalysts
- Good resistance to viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against rust, bearing corrosion, and wear

### Applications

- Gasoline direct-injection, conventional gasoline-fueled passenger cars, light trucks, and SUVs
- Four-stroke gasoline engines in other mobile or stationary equipment

### Specifications

Syn Blend SP/GF-6 meets the following industry and OEM certifications:

- API SP (SAE 0W-20, 5W-20, 5W-30, & 10W-30)
- ILSAC GF-6 (SAE 0W-20, 5W-20, 5W-30, & 10W-30)

# SYN BLEND SP/GF-6

TYPICAL PROPERTIES					
SAE Grade	5W-20	5W-30	10W-30	10W-40	20W-50
Specific Gravity @ 60°F	0.86	0.86	0.87	0.87	0.88
Density, lbs/gal @ 60°F	7.2	7.2	7.2	7.2	7.3
Color, ASTM D1500	3.0	3.5	3.5	3.5	3.5
Flash Point (COC), °C (°F)	216(421)	220(428)	224(435)	220(428)	230(446)
Pour Point, °C (°F)	-45(-49)	-39(-38)	-39(-38)	-36(-33)	-30(-22)
Viscosity					
cSt @ 40°C	47.5	64.0	70.0	95.0	175.0
cSt @ 100°C	8.5	10.0	11.0	14.0	19.0
Viscosity Index	157	141	148	151	123
Cold Cranking Viscosity, cP @ (°C)	6300(-30)	6300(-30)	6600(-25)	6800(-25)	8000(-15)
Total Base Number (TBN), ASTM D2896	7.5	7.5	7.5	7.5	7.9
Phosphorus, wt%	0.083	0.083	0.083	0.083	0.083
Zinc, wt%	0.076	0.076	0.076	0.076	0.076

Minor variations in typical properties data are to be expected in normal manufacturing.

### Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).