



## Premium Motor Oils

STARFIRE Premium Motor Oils are fully licensed motor oils that meet or exceed the latest manufacturer's requirements for use in passenger car, SUV and light duty truck gasoline engines, powerboats, motorcycles and other stationary and mobile equipment. They are formulated with the highest quality, hydrotreated, paraffinic lubricating oils and a technologically advanced additive system, which includes detergents, dispersants, viscosity improver, anti-wear and anti-friction agents, and oxidation and corrosion inhibitors.

### APPLICATIONS

- When API licensed SN, SM, SL oils are required
- When ILSAC GF-5, GF-4, etc. are required (5W-20, 5W-30, 10W-30)
- Meet or exceed the latest manufacturer's requirements for use in passenger car, SUV and light duty truck gasoline engines, powerboats, motorcycles and other stationary and mobile equipment.

### BENEFITS

- Excellent Fuel Economy
- Reduced friction for excellent protection against engine wear
- High resistance to viscosity and thermal breakdown
- Excellent anti-wear, anti-foam, bearing corrosion and anti-rust protection
- Fights volatility burn-off to minimize engine deposits and exhaust emissions

SAE GRADE	5W-20	5W-30	10W-30	10W-40
Viscosity: cSt @ 40°C	51.33	63.51	63.85	94.59
cSt @ 100°C	8.73	10.78	10.35	14.34
Viscosity Index	149	161	150	157
Specific Gravity @ 60°F (15.6°C)	0.863	0.858	0.863	0.865
Gravity, °API	32.37	33.4	32.37	31.99
Pour Point, °F	-49	-49	-44	-44
Flash Point (PMCC), °C	403	399	403	406
CCS Viscosity, cP	6305 (-30 °C)	5900 (-30 °C)	4000 (-25 °C)	4750 (-25 °C)
Noack Volatility	14.8	14.6	14.5	11.7
ILSAC GF-5 Certified	YES	YES	YES	NO