



Full Synthetic Motor Oil

STARFIRE FULL SYNTHETIC MOTOR OILS are premium-quality, 100% synthetic motor oils formulated from superior synthetic base oils and carefully selected advanced additive technology. STARFIRE full synthetic motor oils can be used in virtually all service classifications for domestic and foreign gasoline engines and are fully compatible with all other synthetic and petroleum-based motor oils.

APPLICATIONS

- When API licensed SP, SN Plus, SN, SM, SL, SJ oils are required
- When ILSAC GF-6A (GF-6B for 0W-16), GF-5, GF-4, etc. are required (5W-20, 5W-30, 10W-30)
- STARFIRE 0W-20 can be used when Ford WSS-M2C962-A1, M2C947-B1, M2C947-A, Chrysler MS-6395 or GM 6094M and GM 4718 is specified
- STARFIRE 5W-20 can be used when Ford WSS-M2C960-A1, M2C945-B1, M2C945-A, M2C930-A, M2C153, Chrysler MS-6395, MS10797 or GM 6094M is specified
- STARFIRE 5W-30 can be used when Ford WSS-M2C961-A1, M2C946-B1, M2C946-A, M2C929-A, Chrysler MS-6395 or GM6094M is specified
- Can be used in virtually all service classifications for domestic and foreign gasoline engines
- Fully compatible with all other synthetic and petroleum-based motor oils

BENEFITS

- 100% synthetic motor oil
- Provides Low Speed Pre-Ignition (LSPI) protection
- Excellent fuel economy
- Superior protection against thermal breakdown
- Excellent protection from deposits at all operating temperatures
- Excellent cold-cranking capabilities
- Excellent anti-wear, anti-foam, bearing corrosion and anti-rust protection

SAE GRADE	0W-16	0W-20	5W-20	5W-30	10W-30
Viscosity: cSt @ 40°C	37.3	42.76	46.06	54.82	61.84
cSt@100°C	7.236	8.106	8.515	9.92	9.897
Viscosity Index	162	166	164	169	147
Pour Point, °F	-49	-49	-49	-49	-44
Flash Point (COC), °F	439	441	442	446	437
Specific Gravity @ 60°F (15.6°C)	0.8427	0.8454	0.8499	0.8499	0.8592
Gravity, °API	36.41	35.88	34.99	35.3	33.19
CCS Viscosity, cP	4600 (-30 °C)	5600 (-30 °C)	3400 (-30 °C)	3550 (-30 °C)	3760 (-25 °C)
Noack Volatility	13.0	11.0	11.7	11.4	8.2