



Full Synthetic Euro Motor Oil

STARFIRE Full Synthetic Euro Motor Oil is specially formulated for the lubrication needs of modern European gasoline, diesel cars, and light trucks.

BENEFITS

- Formulated with advanced 100% synthetic base stocks and premium anti-wear additives and a viscosity rating that is the preferred oil for virtually all European automobiles, especially turbo-charged models.
- Provides outstanding protection in high RPM, hot running engines.
- Specially designed to prevent sludge and varnish deposits for reduced oil consumption, extended engine life and maximum overall performance resulting in a clean engine.
- Designed for newer vehicle emission control systems
- Meets industry and vehicle manufacturer requirements for long life protection of gasoline vehicle catalytic converters.
- Delivers dependable long-term performance for the extended drain intervals set by all major automakers- Audi, BMW, Mercedes-Benz, Opel, Porsche, Renault, Skoda, SEAT, and Volkswagen.

APPLICATIONS

STARFIRE Full Synthetic Euro motor oil meets or exceeds the following performance specifications:

- API SN, SM
- ACEA C3, C2
- BMW LL-O/M54, LL-04
- Mercedes Benz MB 229.1, 229.31, 229.31 (5W-30, 5W-40), 229.5, 229.51 (5W-30, 5W-40)
- Opel GM-LL-B-025
- Renault 0700/0710
- Peugeot Citroen PSA B 71 2300
- Volkswagen VW 50200, 50300, 50500, 50501, 50600, 50700 (5W-30)

TYPICAL PROPERTIES

Typical Test Data	0W40	5W30	5W40
Pour Point, °C	-42	-42	-40
Viscosity: cSt @40°C	71.6	61	79.3
cSt @ 100°C	13.6	10.5	13.3
Viscosity Index	181	162	171
Cold Crank Simulator (cP)	6011	5425	5815
Cold Crank Simulator Temp °C	-35	-30	-30
Density (lb/gal) @ 60°F	7.03	7.09	7.07
Specific Gravity	0.8431	0.8504	0.8484
Gravity, API	36.3	34.9	35.3
Color	L3	L3	L3