

**Full Synthetic
Premium Automotive
Engine Oils**

*API SM GF-4 Licensed
Energy Conserving, ILSAC GF-4*

American Oil since 1895® multi-grade *Full Synthetic* engine oils are formulated utilizing the highest performing synthetic base stocks and the finest additives to meet the redesigned (API SM, ILSAC GF-4) as well as the demanding performance of today’s engines. They are formulated to provide excellent wear protection, to minimize engine sludge and varnish deposits at both high and low temperatures, and to resist viscosity and high temperature thermal breakdown. **American Oil since 1895®** multi-grade *Full Synthetic* premium automotive engine oils also protect against rust, corrosion and foaming. The products have been developed to provide maximum protection under all driving conditions specifically for today’s high performance automobiles operating under severe driving and extreme temperature conditions and are formulated with an advanced cleaning additive system to provide protection and longer oil life at drain intervals of 7,500 miles or 6 months.

American Oil since 1895® multi-grade *Full Synthetic* engine oils are recommended for passenger cars, light duty trucks, vans and sport utility vehicles that are formulated with gasoline. **American Oil since 1895®** multi-grade *Full Synthetic* engine oils are “Energy Conserving” for improved fuel economy exceeding the stringent requirements of the API “SM” and ILSAC GF-4, new car warranty requirements as defined ILSAC GF-4 Category (5W20, 5W30 and 10W30). These oils meet GM 6094M, Ford ESE-M2C153-E, GSA A-A52039 and GSA A-A-52306A. It is also recommended for older engines, which the normal requirement would be an API SH, SG, SF, SE service classification.

Compared to conventional mineral based motor oils, **American Oil since 1895®** multi-grade *Full Synthetic engine oils* provide better thermal stability and oxidation resistance for improved protection against viscosity breakdown and deposit formation at high temperatures, lower volatility for reduced oil consumption, and superior low temperatures. *Expect Superior Performance* in passenger cars, light duty trucks, vans and sport utility vehicles and supercharged, turbocharged and fuel injected engines when utilizing the **American Oil since 1895®** multi-grade *Full Synthetic Engine Oils*.

Typical Test Data

Performance Specifications	5W30 API SM GF-4	10W30 API SM GF-4	5W20 API SM GF-4
Specific Gravity at 15.6C	32.6	31.0	35.4
Flash Point. COC <C> (F)	234/455	246/450+	230/440 +
Pour Point	-36	-36	-36
Vscosity, cSt at 100 C	10	12.7	8.2
MRV Visc, cP at -40 C	28,900	58,000	20,100
HTHS Visc, cP at 150C	2.9 min	2.9 Min	2.6 Min
CCS Visc, cP at -30 C	6600 Max	6600 Max	6600 Max
Viscosity Index	169	148	163
Noack volatility %	15 Max	15 Max	15 Max
ILSAC Performance	GF-4	GF-4	GF-4
API Performance Level	SM EC	SM EC	SM EC

The typical test data] for these products are intended as averages only. Minor variations, which do not affect each of the product’s performance, are expected and are part of the normal manufacturing process. For further information on the safe use and handling of these products, please refer to the appropriate Material Data Safety Sheet. The information in this data sheet is, to the best of American Oil & Supply Co’s knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control.