

Premium Automotive Engine Oils

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

American Oil since 1895® multi-grade engine oils are formulated using highly refined petroleum based oils 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 automotive engine oils also protect against rust, corrosion and foaming. The products have been developed to provide maximum protection under all driving conditions and protect against the rigors of stop and go driving.

American Oil since 1895® multi-grade engine oil is recommended for passenger cars, light duty trucks, vans and sport utility vehicles that are formulated with gasoline. **American Oil since 1895®** multi-grade engine oils meet and/or exceed the stringent requirements of the API "SM" and ILSAC GF-4, Energy Conserving 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.

American Oil since 1895® multi-grade advanced engine oils have significantly improved oxidation stability, added detergency and unique additive package to provide maximum protection over the life of the oil. Additionally these MULTIGRADE oils protect today's smaller six-cylinder and four cylinder engines, turbocharged engines as well as older, larger engines. *Expect Superior Performance* in Passenger Cars, Light Trucks and sport utility vehicles when utilization **American Oil since 1895® SM GF-4 Multi-Grade Engine Oils.**

Typical Test Data

Performance Specifications	5W30 API SM GF-4	10W30 API SM GF-4	5W20 API SM GF-4	10W40 API SM GF-4	20W50 API SM GF-4
Specific Gravity at 15.6C	32.6	30.3	32.7	29.4	28.7
Flash Point. COC <C>	218	214	218	202	206
Pour Point	-33	-30	-33	-31	-32
Viscosity, cSt at 100 C	10.7	10.6	8.2	13.64	17.5
cP at -30 C	6600 Max		6600 Max		
cP at -25 C		7000 Max		7000 Max	
cP at -15 C					9500 Max
Viscosity Index	158	137	153	146	121
Noack volatility %	15 Max	15 Max	15 Max	15 Max	15 Max
ILSAC Performance	GF-4	GF-4	GF-4	NA	NA
API Performance Level	SM EC	SM EC	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.