

Signature® MG SL Motor Oils are formulated with anti-wear additives to prolong engine life by reducing wear in valve assemblies, bearings, and other vital engine parts. Detergent additives are also used to provide resistance to sludge deposits to help keep engines cleaner between oil changes.

These oils meet API SL specifications. Automotive manufacturers specified this type of motor oil for use in automobiles produced before the 1989 model year. Current API service classifications require lower amounts of anti-wear additive than was recommended for API SL service for protection of modern environmental friendly exhaust systems. Signature® MG SL Motor Oils are formulated to purposely meet the requirements of the original API SL specification. In all cases, the car or engine manufacturer's oil recommendations should be followed.

It is important to realize that API SL motor oils are considered by the API as an obsolete specification. Since the API does not run a quality control program over obsolete specifications it is not uncommon to find poor quality products making obsolete API claims in the marketplace. Signature® MG SL Motor Oils use quality base oil along with a field tested additive package to meet the original requirements of this API specification.

These oils are not suitable for use in aircraft engines or two-cycle gasoline engines. Always follow manufacturers' recommendations for SAE viscosity and API service specification.

API SL motor oils are not to be used in gasoline powered automotive engines built after 1988, and diesel powered automotive engines after 1990. Use in more modern engines may cause unsatisfactory performance and equipment damage.

Typical Properties

Physical Properties			Data
SAE Grade	30	5w-30	10W-30
Kinematic Viscosity cSt at 100° C (ASTM D-445)	11.0	10.0	10.0
Kinematic Viscosity cSt at 40° C (ASTM D-445)	99.0	67.0	63.0
Viscosity Index (ASTM D-2270)	100	133	126
API Gravity (ASTM D-1298)	26.0	32.0	31.8
Zn, ppm	1066	1066	1066
Ca, ppm	2069	2069	2069
Total Base Number (ASTM D-874)	6.1	6.1	6.1

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.