



Schaeffer Manufacturing Co. DuQuoin  
 845 N. Hickory  
 DuQuoin, IL 62832

Sales: (314) 525-2568  
 Operations: (618) 542-5431

# FORMULA 300

## API Service SL/CD Motor Oils

FORMULA 300 API SL/CD 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/CD specifications. Automotive manufacturers specified this type of motor oil is for use in automobiles produced in or before the 2004 model year. Current API service classifications require lower amounts of anti-wear additive than was recommended for API SL/CD service for protection of modern environmentally friendly exhaust systems. FORMULA 300 motor oils are formulated to purposely meet the requirements of the original API SL/CD specification. In all cases, the car or engine manufacturer's oil recommendations should be followed.

FORMULA 300 API SL/CD 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.

### Typical Properties

Product: FORMULA 300 API SL/CD Motor Oils				
Product Code	31123	31126	31127	31128
SAE Viscosity	30	5W-30	10W-30	10W-40
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	11.0	10.0	10.0	14.2
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	99.0	67.0	69.9	107.1
Viscosity Index (ASTM D-2270)	100	133	126	134
API Gravity (ASTM D-1298)	26.0	32.0	31.8	31.1
Zn, ppm	1066	1066	1066	1066
Ca, ppm	2069	2069	2069	2069
Total Base Number (ASTM D-2896)	6.1	6.1	6.1	6.1