



Sinclair Conventional 10W-40 Motor Oil

Conventional Motor Oil Passenger Car Motor Oil

Sinclair Conventional 10W-40 Motor Oil is specifically formulated for the needs of older vehicles and/or higher-temperature climates, where thicker oils may be preferred. It offers the following:

- Thermal breakdown resistance and deposit formation reduction, for better, longer-lasting engine protection than conventional oils provide.
- Engine cleaning additives.
- A strong film barrier that controls friction, resists wear and prevents contact between metal surfaces.

Conventional Motor Oil: Performance You'll Notice

Specifically formulated to give you:

Protection

Unsurpassed control of friction and wear.

Designed to work, even under the most severe, extreme environmental conditions and engine stresses.

Toughness

A strong oil film helps avoid metal-to-metal contact, even under stress.

Excellentprotection against wear, with molecules that actually bond and prevent metal-to-metal contact of rotating engine parts.

Heat-activated friction reduction that forms a vital barrier that protects against friction in metal surfaces.¹

Endurance

Extends oil life by withstanding heat and shearing.

Excellent control of oxidation and deposits. Keeps working and protecting, even in harsh conditions.

¹ To measure friction reduction benefits, engineers used the ball-on-disk traction test.

Applications

- Provides performance benefits for passenger cars, light trucks and sport utility vehicles, including new and rebuilt engines.
- Exceeds ILSAC GF-5 performance requirements.

Industry/OEM Specifications

API SN	Approved
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements



Typical Properties

Boron, wt. %	ASTM D5185	0.018
Calcium, wt. %	ASTM D5185	0.132
Cold Cranking Simulator at (°C), cP	ASTM D5293	4300 (-25)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	208
Flash Point °F	ASTM D92	406
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	32.94
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	4.02
Magnesium, wt. %	ASTM D5185	0.043
Molybdenum, wt. %	ASTM D5185	0.004
Nitrogen, wt. %	ASTM D4629	0.086
Noack Volatility, % loss	ASTM D6375	11.7
Phosphorus, wt. %	ASTM D5185	0.077
Pour Point °C (°F)	ASTM D5950	-39°C (-38°F)
Pumping Viscosity at (°C), cP	ASTM D4684	33,800 (-30)
Shear Stability, Final Viscosity in cSt	ASTM D6278	11.5
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8605
Sulfated Ash, wt. %	ASTM D874	0.92
Sulfur, wt. %	ASTM D4951	0.3
TBN, mgKOH/g	ASTM D2896	7.0
Viscosity @ 100°C cSt	ASTM D445	14.83
Viscosity @ 40°C cSt	ASTM D445	96.2
Viscosity Index	ASTM D2270	161
Zinc, wt. %	ASTM D5185	0.085

Container/Bulk Availability

6/1 Quart

Product Number - 503-006

Information accurate as of July 7, 2019