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Sinclair Synthetic Blend 10W-40 Motor Oil

Synthetic Blend Motor Oil Passenger Car Motor Oil

Sinclair Synthetic Blend 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:

Performance

Unsurpassed control of friction and wear.

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

Strength

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

Excellent protection 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

Durability

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-6 performance requirements.

Industry/OEM Specifications

API SP

Approved

API SJ, SH, SG, SF

Meets Requirements

API SL

Meets Requirements

API SM	Meets Requirements	
API SN	Meets Requirements	
API SN Plus	Meets Requirements	
Typical Properties		
Boron, wt. %	ASTM D5185	0.02
Calcium, wt. %	ASTM D5185	0.099
Cold Cranking Simulator at (°C), cP	ASTM D5293	6100 (-25)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	237
Flash Point °F	ASTM D92	459
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	31.71
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	0/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.99
Magnesium, wt. %	ASTM D5185	0.059
Molybdenum, wt. %	ASTM D5185	0.0079
Nitrogen, wt. %	ASTM D4629	0.087
Noack Volatility, % loss	ASTM D6375	11
Phosphorus, wt. %	ASTM D5185	0.077
Pour Point °C (°F)	ASTM D5950	-39°C (-38°F)
Pumping Viscosity at (°C), cP	ASTM D4684	30,000 (-30)
Shear Stability, Final Viscosity in cSt	ASTM D6278	11.5
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8670
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	14.96
Viscosity @ 40°C cSt	ASTM D445	107.3
Viscosity Index	ASTM D2270	145
Zinc, wt. %	ASTM D5185	0.085
Container/Bulk Availability		
6/1 Quart	Product Number - 503-006	
6/1 Quart	Product Number - 540-014	

Available in Bulk

Information accurate as of March 3, 2024