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Sinclair Full Synthetic 5W-30 Motor Oil

Sinclair Full Synthetic Motor Oil Passenger Car Motor Oil



Sinclair Full Synthetic 5W-30 Motor Oil is a pure and technologically advanced formulation that provides unsurpassed protection and performance and provides the following benefits:

- Sinclair dexos1™ Approved Motor Oils meet or exceed GM dexos1™ specifications for warranty requirements for all GM automotive gasoline engines currently in use worldwide, and are fully licensed by GM.
- Increased fuel mileage, maximum horsepower and better acceleration.
- A strong, consistent molecular structure that forms a film layer that controls friction, resists wear and prevents contact between metal surfaces.
- Outstanding performance in extreme hot or cold conditions, stop-and-go traffic, recurring short trips, heavy loads and dusty conditions.
- Performance that meets or exceeds API, SP and ILSAC GF-6 requirements

Developed for the Engine Designs of Today

OEMs have changed their engine designs to be lighter, yet still demand increased horsepower. And that means higher demands on motor oils. Sinclair Full Synthetic delivers, with technology and formulations that have kept pace with those ever-changing engine demands.

Sinclair Full Synthetic Motor Oil: Performance You'll Notice

In addition to the peace of mind that comes with Sinclair's 100+ years of lubricant technology, Sinclair Full Synthetic 5W-30 Motor Oil delivers the following:

Performance

Controls friction and wear over 80% better than current API requirements.¹

Increased fuel economy and reduced fuel costs without losing engine protection and performance. You'll also notice increased acceleration.

Longer periods between oil changes.

Formulated to handle the most severe conditions.

100% pure synthetic, with molecules that provide superior, long-lasting engine protection and performance.

Strength

A strong oil film serves to resist metal-to-metal contact, even under stress.

Outstanding wear protection.

Augmented friction reduction - Sinclair oils are heat-reactive, and produce a vital barrier that reduces friction and protects metal surfaces.²

Durability

Weathers heat and shearing to extend oil life.

Engineered to handle the most severe or extreme conditions.

¹ Based on Sequence IV Wear test.

² To measure friction reduction benefits, engineers used the ball-on-disk traction test.

Applications

- All gasoline- and flex-fuel cars, light trucks and SUVs, including gasoline-electric hybrids, notably under severe conditions.
- Designed to protect turbochargers and emission control system catalysts.
- Ideal for vehicles operating on fuels up to E85 ethanol.

Industry/OEM Specifications

API SP	Approved
dexos1® Gen2	Approved
ILSAC GF-6A	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
Chrysler MS-6395	Meets Requirements
Ford WSS M2C946-B1, M2C946-A, M2C929-A	Meets Requirements
GM 4718M	Meets Requirements
GM 6094M	Meets Requirements
ILSAC GF-4	Meets Requirements
ILSAC GF-5	Meets Requirements

Typical Properties

Boron, wt. %	ASTM D5185	0.023
Calcium, wt. %	ASTM D5185	0.135
Cold Cranking Simulator at (°C), cP	ASTM D5293	4400 (-30)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	227
Flash Point °F	ASTM D92	441
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	10/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	35.82
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	15/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.2
Magnesium, wt. %	ASTM D5185	0.059
Molybdenum, wt. %	ASTM D5185	0.0079
Nitrogen, wt. %	ASTM D4629	0.104
Noack Volatility, % loss	ASTM D6375	12
Phosphorus, wt. %	ASTM D5185	0.076
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Pumping Viscosity at (°C), cP	ASTM D4684	15,000 (-35)
Shear Stability, Final Viscosity in cSt	ASTM D6278	9.4
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8457

Sulfated Ash, wt. %	ASTM D874	0.9
Sulfur, wt. %	ASTM D4951	0.3
TBN, mgKOH/g	ASTM D2896	7.9
Viscosity @ 100°C cSt	ASTM D445	10.91
Viscosity @ 40°C cSt	ASTM D445	62.09
Viscosity Index	ASTM D2270	169
Zinc, wt. %	ASTM D5185	0.085

Container/Bulk Availability

55 Gallon Drum	Product Number - 502-003
6/1 Quart	Product Number - 502-006

Available in Bulk

Information accurate as of March 3, 2024