



**PREMIUM  
LUBRICANTS**

**GASOLINE ENGINE OIL**

# SONIC GREEN®

10W-30

## PRODUCT DESCRIPTION

SONIC GREEN® is designed to fit the desires of today's environmentally conscious consumer. It is blended with 100% re-refined base oils of the highest quality and advanced additives to not only fulfil consumer needs, but also the demands of today's engines.

## PERFORMANCE FEATURES

- Environmentally friendly
- Blended using 100% re-refined base oils
- Manufactured with friction modifiers to increase fuel economy
- Engine cleanliness from the addition of detergents and dispersants
- Enhanced oxidation stability to prevent oil thickening
- Fully approved for new car warranties

## APPLICATIONS

SONIC GREEN® is proven for use in today's gasoline powered cars, SUVs and light-duty trucks. It is also compatible with fuel containing ethanol up to E85. It has been subjected to extensive testing to ensure it meets industry and OEM specifications.

## TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	SAE GRADE
		10W-30
Kinematic Viscosity @ cSt 40°C	ASTM D445	64.6
Kinematic Viscosity @ cSt 100°C	ASTM D445	10.0
Viscosity Index	ASTM D2270	139
CCS (Cold Cranking) cP @ °C	ASTM D5293	5746 @ -25°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	18,965 @ -30°
HTHS (High Temp/High Shear) cP @ 150 °C	ASTM D4683	3.1
Pour Point, °C	ASTM D97	-38°
TBN	ASTM D2896	9.1
Sulphated Ash % wt.	ASTM D874	1.0

## PERFORMANCE SPECIFICATIONS

SONIC GREEN® is approved and/or recommended for use in the following:

INDUSTRY/OEM	SPECIFICATIONS
API	SN PLUS/SN/SM/SL
	RESOURCE CONSERVING
GENERAL MOTORS	GM 6094M/4718M
HONDA	SERVICE FILL
ILSAC	GF-5/GF-4/GF-3
TOYOTA	SERVICE FILL

Note: Always follow the manufacture's recommendation for viscosity grade and service classification.

## RE-REFINED BASE OIL

Re-refining is a process used to revitalize used base oil and return it back to high-quality base oil that can be used in finished lubricants. Re-refined base oils have been collected and re-treated by going through the refining process to remove all traces of contaminants (dirt, fuel and water), wear metals and spent additives. Once they have been re-refined, these base oils are now back to fresh base oil condition and are ready to have new additive technology blended with them to produce excellent finished lubricants.

## PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	SAE GRADE
	10W-30
1 L Bottle	✓
5 L Bottle	✓
10 L Bottle	
20 L Pail	
110 L Drum	
205 L Drum	
1000 L Tote	

## MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at [coopconnection.ca](http://coopconnection.ca)

## RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – [www.usedoilrecyclingsk.com](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
- British Columbia – [www.bcusedoil.com](http://www.bcusedoil.com)
- Manitoba – [www.usedoilrecycling.com/en/mb](http://www.usedoilrecycling.com/en/mb)

## CONTACT INFO

For more information on this or any other CO-OP® lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

[petroadmin@fcL.crs](mailto:petroadmin@fcL.crs) • [www.coopfuel.ca](http://www.coopfuel.ca) • [www.coopag.ca](http://www.coopag.ca)

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# SONIC SILVER®

5W-20, 5W-30, 10W-30 & 10W-40

## PRODUCT DESCRIPTION

SONIC SILVER® is a conventional multi-grade engine oil designed to increase fuel economy\*. Fuel economy is increased by the use of friction modifiers to reduce the amount of friction between moving parts, resulting in a cleaner, more fuel efficient engine. SONIC SILVER® is specifically formulated to protect the entire vehicle emission system.

\*When compared to non-friction modified oils

## PERFORMANCE FEATURES

- Friction modified for added fuel economy
- Cleanliness and longer engine life
- Rust/corrosion inhibitors to protect vital parts
- Protection of modern vehicle emission systems
- Enhanced oxidation stability to prevent oil thickening

## APPLICATIONS

SONIC SILVER® is proven for use in today's gasoline powered cars, SUVs and light-duty trucks. It is also compatible with fuel containing ethanol up to E85.

## TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	SAE GRADE			
		5W-20	5W-30	10W-30	10W-40
Kinematic Viscosity cSt @ 40°C	ASTM D445	47.2	60.3	62.7	93.8
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.2	10.3	9.8	14.1
Viscosity Index	ASTM D2270	150	158	140	153
CCS (Cold Cranking) cP @ °C	ASTM D5293	4,855 @ -30°	5,200 @ -30°	4,842 @ -25°	5,429 @ -25°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	14,300 @ -35°	23,650 @ -35°	13,700 @ -30°	20,900 @ -30°
HTHS (High Temp/High Shear) @ 150°C	ASTM D4683	2.6	3.1	3.0	3.8
Pour Point, °C	ASTM D97	-45°	-45°	-45°	-39°
TBN	ASTM D2896	7.1	7.1	7.1	7.1
Sulphated Ash % wt.	ASTM D874	0.83	0.79	0.84	1.0

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, SONIC SILVER® is approved and/or recommended for use in the following:

INDUSTRY / OEM	SPECIFICATIONS
API	SN PLUS/SN/SM/SL
	RESOURCE CONSERVING (5W-20/5W-30/10W-30)
FORD	WSS-M2C945-A (5W-20)
	WSS-M2C946-A (5W-30)
GENERAL MOTORS	GM 6094M/4718M
HONDA	SERVICE FILL
ILSAC	GF-5/GF-4/GF-3 (5W-20/5W-30/10W-30)
TOYOTA	SERVICE FILL

Note: Always follow the manufacture's recommendation for viscosity grade and service classification.

## MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at [coopconnection.ca](http://coopconnection.ca)

## PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	SAE GRADE			
	5W-20	5W-30	10W-30	10W-40
1 L Bottle	✓	✓	✓	✓
5 L Bottle	✓	✓	✓	✓
10 L Bottle				
20 L Pail				
110 L Drum			✓	
205 L Drum	✓	✓	✓	
1000 L Tote	✓	✓	✓	

## RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

- Saskatchewan – [www.usedoilrecyclingsk.com](http://www.usedoilrecyclingsk.com)
- Alberta – [www.usedoilrecyclingab.com](http://www.usedoilrecyclingab.com)
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## CONTACT INFO

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# SONIC GOLD® SL

5W-20, 0W-30, 5W-30, 10W-30, 20W-50

## PRODUCT DESCRIPTION

SONIC GOLD® SL 0W-30 is a 100% synthetic gasoline engine oil blended with Group IV PAO base oil and enriched additives to produce superior engine oil. The remaining grades, 5W-20, 5W-30, 10W-30 and 20W-50 are synthetic-blend gasoline engine oils that have been tested and passed the toughest industry specifications.

## PERFORMANCE FEATURES

- Superior cold starting performance
- Improved fuel economy
- Reduces maintenance costs
- Improves crankcase cleanliness
- Maximizes engine oil life
- Protection of modern vehicle emission systems
- Enhanced oxidative and shear stability
- Higher viscosity retention at elevated temperatures

## APPLICATIONS

SONIC GOLD® SL has been engineered for year-round use in today's gasoline powered cars, SUVs and light-duty trucks. They are exceptional choices for turbo-charged and performance-driven racing engines. They are also compatible with fuel containing ethanol up to E85.

## TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	5W-20	0W-30	5W-30	10W-30	20W-50
Kinematic Viscosity @ 40°C, cSt	ASTM D445	50.7	55.9	64.5	67.0	160.0
Kinematic Viscosity @ 100°C, cSt	ASTM D445	8.7	10.3	10.7	10.1	20.1
Viscosity Index	ASTM D2270	149	177	156	136	146
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,590 @ -30°	3,879 @ -35°	6,232 @ -30°	6,115 @ -25°	4,188 @ -15°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	15,338 @ -35°	13,851 @ -40°	20,121 @ -35°	16,484 @ -30°	15,234 @ -20°
HTHS (High Temp/High Shear)	ASTM D4683	2.7	3.0	3.2	3.1	4.9
Pour Point, °C	ASTM D97	-40°	-49°	-43°	-38°	-29°
TBN	ASTM D2896	8.7	8.5	8.6	8.8	8.3
Sulphated Ash % wt.	ASTM D874	0.9	0.9	0.9	0.9	0.9

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, SONIC GOLD® SL is approved and/or recommended for use in the following:

INDUSTRY/OEM	SPECIFICATIONS
API	SN PLUS/SN/SM/SL
	RESOURCE CONSERVING (5W-20/0W-30/5W-30/10W-30)
FORD	WSS-M2C945/946-A (5W-20)
GENERAL MOTORS	GM 6094M/4718M
HONDA	SERVICE FILL
ILSAC	GF-5/GF-4/GF-3 (5W-20,0W-30, 5W-30, 10W-30)
TOYOTA	SERVICE FILL

Note: Always follow the manufacturer's recommendation for viscosity grade and service classification.

## MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at [coopconnection.ca](http://coopconnection.ca)

## PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	SAE GRADE				
	5W-20	0W-30	5W-30	10W-30	20W-50
1 L Bottle	✓	✓	✓	✓	✓
5 L Bottle	✓		✓	✓	
10 L Bottle					
20 L Pail					
110 L Drum					
205 L Drum	✓		✓		
1000 L Tote	✓		✓	✓	

## RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

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**PREMIUM  
LUBRICANTS**

**GASOLINE ENGINE OIL**

# SONIC<sup>®</sup> SYNTHETIC

0W-20, 5W-20, 5W-30



## PRODUCT DESCRIPTION

SONIC<sup>®</sup> SYNTHETIC is a 100% full synthetic gasoline engine oil designed to meet the most challenging industry performance specifications. SONIC<sup>®</sup> SYNTHETIC is a qualified General Motors dexos1<sup>™</sup> Gen 2 approved gasoline engine oil (0W-20 & 5W-30).

(Lic. # D10098GH007/D10099GH007/D10097GH007)

## PERFORMANCE FEATURES

- Superior engine wear protection
- Improved fuel economy
- Excellent viscosity retention at high-temperatures
- Optimized oil life
- Compatible with gasoline containing ethanol up to E-85
- Extreme cold weather starting
- Enhanced oxidative stability
- Protects modern vehicle emission systems

## APPLICATIONS

SONIC<sup>®</sup> SYNTHETIC is an exceptional choice for use in naturally aspirated, high-torque and turbo-charged gasoline engines. SONIC<sup>®</sup> SYNTHETIC is formulated for gasoline/electric hybrid engines, propane-fueled engines and stationary and specific off-highway applications. It also meets car manufacturer's warranty for service fill.

## TECHNICAL PROPERTIES

The values listed below are typical of current production. As variations may occur, these numbers do not constitute a specification.

PROPERTIES	TEST METHODS	SAE GRADE		
		0W-20	5W-20	5W-30
Kinematic Viscosity cSt @ 40°C	ASTM D445	45.0	47.8	62.2
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.5	8.8	10.9
Viscosity Index	ASTM D2270	169	166	168
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,700 @ -35°	4,900 @ -30°	5,100 @ -30°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	21,000 @ -40°	18,000 @ -35°	26,000 @ -30°
HTHS (High Temp/High Shear) @ 150°C	ASTM D4683	2.7	2.8	3.3
Pour Point, °C	ASTM D97	-45°	-48°	-45°
TBN	ASTM D2896	8.5	8.5	8.5
Sulphated Ash % wt.	ASTM D874	0.9	0.9	0.9

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, SONIC® SYNTHETIC is approved and/or recommended for use in the following:

INDUSTRY/OEM	SPECIFICATIONS
API	SN PLUS/SN/SM/SL
	RESOURCE CONSERVING
CHRYSLER	MS-6395S
FORD	WSS-M2C945-A (5W-20)
	WSS-M2C946-A (5W-30)
GENERAL MOTORS	dexos 1™ Gen 2 (0W-20, 5W-30)
	GM 6094M/4718M
HONDA	SERVICE FILL
ILSAC	GF-5/GF-4/GF-3
TOYOTA	SERVICE FILL

Note: Always follow the manufacturer's recommendation for viscosity grade and service classification.

## MATERIAL SAFETY DATA SHEETS

Product-specific material safety data sheets (MSDS) can be obtained by contacting your local retail co-op or Federated Co-operatives Limited (see contact information below) or by going online at [coopconnection.ca](http://coopconnection.ca)

## PRODUCT SELECTION

Product availability can vary by location. Please contact your local retail co-op for further details.

PRODUCT SIZES	SAE GRADE		
	0W-20	5W-20	5W-30
1 L Bottle	✓	✓	✓
5 L Bottle			✓
10 L Bottle			
20 L Pail			
110 L Drum			
205 L Drum			✓
1000 L Tote			

## RECYCLING OF USED LUBRICANTS AND CONTAINERS

Please protect the environment when disposing of petroleum products. All products should be taken to an authorized collection facility or picked up by a qualified organization. This ensures the products will be disposed of in an environmentally sensitive manner. For additional information on used-oil recycling programs, please see the following:

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