



**PREMIUM
LUBRICANTS**

AUTOMOTIVE GEAR OILS

Keep your fleet rolling and ensure the performance and protection of vital components with Co-op's multi-grade automotive gear fluids.

TECHNICAL DATA SHEETS

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SONIC[®] MP GEAR OIL

75W-90, 80W-90, 85W-140

PRODUCT DESCRIPTION

SONIC[®] MP GEAR OIL is designed with Clean Gear Technology or CGT, a specialized formula that protects automotive gear surfaces from varnish and sludge. CGT also acts as an EP agent in low-temperature conditions to ensure constant gear protection. The multi-grade formulas are intended for both light- and heavy-duty applications and are safe for components that contain yellow metals such as brass.

PERFORMANCE FEATURES

- Clean Gear Technology (CGT) safeguards gears under high loads
- Excellent water resistance prevents contamination
- Non-foaming formulation provides continuous protection to gear surfaces
- Extreme pressure additives shields gears under high loads
- Enhanced oxidative stability resists deposit formation in elevated operating temperatures
- Provides protection against thermal degradation and oil seal deterioration

APPLICATIONS

SONIC[®] MP GEAR OIL can be used in automotive gears in both light- and heavy-duty applications. It provides excellent lubrication in passenger cars as well as on-road and off-highway equipment, including agriculture and construction equipment. It is intended for use as either top-up or complete refill of limited slip differentials.

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	SONIC [®] MP GEAR OIL		
		75W-90	80W-90	85W-140
Kinematic Viscosity cSt @ 40°C	ASTM D445	86.3	133.8	337.7
Kinematic Viscosity cSt @ 100°C	ASTM D445	14.0	14.3	26.9
Viscosity Index	ASTM D2270	167	105	106
Pour Point, °C	ASTM D97	-45°	-30°	-24°
Brookfield Viscosity cP @ °C	ASTM D2983	110,000 @ -26°	90,000 @ -40°	<150,000 @ -12°

SONIC[®] MP GEAR OIL

75W-90, 80W-90, 85W-140

PERFORMANCE SPECIFICATIONS

SONIC[®] MP GEAR OIL is approved and/or suitable for use in the following:

INDUSTRY/OEM	SPECIFICATIONS
API	GL-5/MT-1
FORD	WSP-M2C197-A (80W-90)
MACK	GO-J
MERITOR	076-D (80W-90)
	076-A (85W-140)
	076-E (75W-90)
MIL	PRF-2105E
	L-2105D
SAE	J2360
ZF	TE-ML 07A/TE-ML 08

SAFETY DATA SHEETS

Product-specific safety data sheets (SDS) can be obtained by contacting your local retail Co-op or Federated Co-operatives Limited (see contact information below) or by going online at www.fuel.crs

PRODUCT SELECTION

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

PRODUCT SIZES	SONIC [®] MP GEAR OIL		
	75W-90	80W-90	85W-140
1 L Bottle		✓	
5 L Bottle		✓	✓
10 L Bottle			
20 L Pail	✓	✓	✓
60 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
- Alberta – www.usedoilrecyclingab.com
- British Columbia – www.bcusedoil.com
- Manitoba – 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 • www.fuel.crs • www.agro.crs

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SONIC[®] MP GEAR OIL SL

75W-90, 80W-140

PRODUCT DESCRIPTION

SONIC[®] MP GEAR OIL SL achieves year round performance because of its unique fully synthetic formula that offers protection to equipment gears in all conditions, including extreme pressure and harsh weather conditions. It outperforms conventional gear lubricants to support longer gear life in a variety of load conditions.

PERFORMANCE FEATURES

- Synthetic formula offers superior low-temperature performance
- 500,000 mile drain capable
- Provides better fuel economy than conventional gear lubricants
- Supports longer axle component life
- Extremely high film strength promotes longer gear life
- Excellent rust and corrosion protection
- Suitable for limited slip applications

APPLICATIONS

SONIC[®] MP GEAR OIL SL is for lubricating spiral-bevel gears in on-road and off-highway truck axles and hypoid gears in passenger cars and light-duty trucks, as well as non-synchronized manual transmissions and industrial machinery where severe temperatures and extended drain intervals are a concern. The EP formula provides extra protection in severe service applications.

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	SONIC [®] MP GEAR OIL SL	
		75W-90	80W-140
Kinematic Viscosity cSt @ 40°C	ASTM D445	103.0	239.1
Kinematic Viscosity cSt @ 100°C	ASTM D445	15.0	28.0
Viscosity Index	ASTM D2270	152	151
Pour Point, °C	ASTM D97	-51°	-42°
Brookfield Viscosity cP @ °C	ASTM D2983	5,850 @ -18°	31,500 @ -26°

SONIC[®] MP GEAR OIL SL

75W-90, 80W-140

PERFORMANCE SPECIFICATIONS

In the appropriate grade, SONIC[®] MP GEAR OIL SL is approved and/or suitable for use in the following:

INDUSTRY/OEM	SPECIFICATIONS
API	GL-5 / MT-1
DANA	SHAES 256 REV E & 429 (75W-90)
DETROIT	DFS93K219.01 (75W-90)
EATON	ROADRANGER
INTERNATIONAL/ NAVISTAR	TMS 6816
MACK	GO-J PLUS (75W-90)
	GO-J (80W-140)
MERITOR	076-R (80W-140)
	076-N (75W-90)
MIL	PRF-2105E
SAE	J2360
ZF	TE-ML07A / TE-ML08

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5 L Bottle	✓	
10 L Bottle		
20 L Pail	✓	✓
60 L Drum	✓	
110 L Drum		
205 L Drum	✓	
1000 L Tote	✓	

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- Manitoba – www.usedoilrecycling.com/en/mb

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