



**PREMIUM  
LUBRICANTS**

# ***ELITE***

## **GASOLINE ENGINE OILS**

Elite Gasoline Engine Oils are an exceptional choice for the latest turbocharged gasoline direct injection (TGDI) engines and are versatile in meeting the operational demands of all gasoline engine types, in both new and older models. The Elite lineup is sure to provide superior protection against Low Speed Pre-Ignition (LSPI), along with Advanced Oxidation Control and Leading Engine Performance. Choose Elite for your Gasoline Engine Oil needs.

Elite Gasoline Engine Oils have been tested and exceed newer vehicle warranties requiring API SP/SN PLUS/SN, ILSAC GF-6A/GF-5 performance specifications.

## **TECHNICAL DATA SHEETS**

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# ELITE

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

## PRODUCT DESCRIPTION

ELITE gasoline engine oil is designed to exceed the latest API SP and ILSAC GF-6A Service Classifications. ELITE is specifically formulated to enhance fuel economy, provide engine protection, and increase overall engine efficiency. ELITE is designed to be used in the latest turbocharged gasoline direct injection (TDGI) engines and meet the requirements of previous API engine classifications.

## PERFORMANCE FEATURES

- Superior protection against wear, rust and corrosion
- Advanced oxidation control preventing sludge and deposit formation, resulting in engine cleanliness
- Thermal stability preventing premature oil breakdown
- Improved fuel economy and overall engine efficiency

## APPLICATIONS

ELITE is formulated for ILSAC GF-6 gasoline-powered passenger cars, SUVs and light trucks, providing superior fuel economy and wear protection. ELITE is suitable for older vehicles as it is backwards compatible to all non-obsolete API 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			
		5W-20	5W-30	10W-30	10W-40
Kinematic Viscosity cSt @ 40°C	ASTM D445	48.85	60.52	66.70	93.55
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.31	10.06	10.12	13.98
Viscosity Index	ASTM D2270	145	153	137	153
Pour Point, °C	ASTM D5949	-47°	-46°	-42°	-41°
Flash Point, °C	ASTM D7094	202°	202°	204°	201°
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,900 @ -30°	6,450 @ -30°	6,100 @ -25°	5,500 @ -25°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	16,300 @ -35°	20,400 @ -35°	16,300 @ -30°	20,100 @ -30°
HTHS (High Temp/High Shear) cP @ 150°C	ASTM D4683	2.6	3.0	3.1	3.9
Specific Gravity @ 15.6 °C	ASTM D4052	0.8587	0.8620	0.8633	0.8617
TBN, mg KOH/g	ASTM D2896	7.1	7.2	7.3	7.0
Sulphated Ash % wt.	ASTM D874	0.8	0.7	0.7	0.7

# ELITE

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

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, ELITE is approved and/or recommended and backed by Federated Co-operatives Limited for use in the following applications:

INDUSTRY / OEM	SPECIFICATIONS
API	SP/SN PLUS/SN/SM/SL/SJ*
	RESOURCE CONSERVING (5W-20/5W-30/10W-30)
FORD	WSS-M2C960-A1 (5W-20)
	WSS-M2C961-A1 (5W-30)
ILSAC	GF-6A/GF-5* (5W-20/5W-30/10W-30)

\*Backwards compatible

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

## 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 online at [www.fuel.crs](http://www.fuel.crs)

## PRODUCT SELECTION

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

PRODUCT SIZES	ELITE			
	5W-20	5W-30	10W-30	10W-40
1 L Bottle	✓	✓	✓	✓
5 L Bottle	✓	✓	✓	✓
205 L Drum	✓	✓	✓	
1000 L Tote	✓	✓		
Bulk	✓	✓		

## 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<sup>®</sup> lubricant product, please contact your local retail co-operative or Federated Co-operatives Limited.

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# ELITE HIGH MILEAGE

5W-20, 5W-30, 10W-30

## PRODUCT DESCRIPTION

ELITE HIGH MILEAGE Synthetic Blend gasoline engine oil is a premium synthetic blend formulation designed specifically to protect older vehicles with higher mileage. It contains additives that protect seals as they age, helping to reduce leaks and oil consumption. It includes premium quality, fully backward compatible GF-6 detergent and anti-wear additive package which cleans out sludge deposits that have built up over time and protect against typical engine wear. The overall improved engine efficiency leads to increased fuel economy for high mileage engines while ensuring they are running smoothly.

## APPLICATIONS

ELITE HIGH MILEAGE Synthetic Blend is recommended for year-round use in vehicles with gasoline engines requiring ILSAC GF-6A and API SP oil specifications. They are designed to lubricate vehicles with gasoline engines fueled with ethanol up to E85. It is formulated to provide the highest level of protection and durability for your engine as it ages. They are recommended for gasoline engines requiring the newest ILSAC GF-6A and API SP specifications, and it is also backward compatible with many older vehicles.

## 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
Kinematic Viscosity cSt @ 40°C	ASTM D445	49.63	61.34	69.00
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.66	10.36	10.42
Viscosity Index	ASTM D2270	153	158	138
Pour Point, °C	ASTM D4959	-46°	-45°	-41°
Flash Point, °C	ASTM D7094	201°	202°	203°
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,100 @ -30°	5,500 @ -30°	5,500 @ -25°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	14,300 @ -35°	18,400 @ -35°	16,000 @ -30°
HTHS (High Temp/High Shear) cP @ 150°C	ASTM D4683	2.7	3.1	3.2
Specific Gravity @ 15.6 °C	ASTM D4052	0.8587	0.8620	0.8633
TBN, mg KOH/g	ASTM D2896	7.1	7.1	7.2
Sulphated Ash % wt.	ASTM D874	0.7	0.7	0.7

# ELITE HIGH MILEAGE

5W-20, 5W-30, 10W-30

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, ELITE HIGH MILEAGE Synthetic Blend is approved and/or recommended and backed by Federated Co-operatives Limited for use in the following applications:

INDUSTRY / OEM	SPECIFICATIONS
API	SP/SN PLUS/SN/SM/SL/SJ*
	RESOURCE CONSERVING
FORD	WSS-M2C960-A1 (5W-20)
	WSS-M2C961-A1 (5W-30)
ILSAC	GF-6A/GF-5*

\*Backwards compatible

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

## 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 online at [www.fuel.crs](http://www.fuel.crs)

## PRODUCT SELECTION

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

PRODUCT SIZES	ELITE HIGH MILEAGE SYNTHETIC BLEND		
	5W-20	5W-30	10W-30
1 L Bottle	✓	✓	✓
5 L Bottle	✓	✓	✓
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)
- 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.

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**PREMIUM  
LUBRICANTS**

**GASOLINE ENGINE OIL**

# ELITE PERFORMANCE SYNTHETIC

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



## PRODUCT DESCRIPTION

ELITE PERFORMANCE SYNTHETIC gasoline engine oil is fully synthetic, designed to provide optimum performance in the latest turbocharged gasoline direct injection (TGDI) engines. The advanced additive package protects against Low-Speed Pre-ignition (LSPI) and the 100% synthetic formulation ensures resistance-free flow in extreme temperatures, resulting in improved cold weather starting. In the appropriate grades, ELITE PERFORMANCE SYNTHETIC is licensed General Motors dexos1™ Gen 2 Approved (0W-20, 5W-20, 5W-30).

License #: D130BABI097 – 0W-20 /  
D130EGBI097 – 5W-20 / D130AABI097– 5W-30

## APPLICATIONS

ELITE PERFORMANCE SYNTHETIC is an exceptional choice for engines of today's gasoline-powered passenger cars, SUVs, vans and light-duty pickup trucks. It provides maximum wear protection, superior piston cleanliness and resists thermal and viscosity break down in severe operating conditions. It also meets original equipment manufacturer 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	0W-30	5W-30
Kinematic Viscosity cSt @ 40°C	ASTM D445	44.20	44.60	54.38	60.75
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.50	8.40	10.01	11.00
Viscosity Index	ASTM D2270	173	166	174	174
Pour Point, °C	ASTM D5949	-48°	-48°	-47°	-51°
Flash Point, °C	ASTM D7094	225°	226°	204°	230°
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,000@ -35°	3,300@ -30°	5,700@ -35°	3,600@ -30°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	19,500 @ -35°	17,000 @ -30°	22,000 @ -40°	17,000 @ -30°
HTHS (High Temp/High Shear) cP @ 150°C	ASTM D4683	2.7	2.6	3.0	3.2
Specific Gravity @ 15.6 °C	ASTM D4052	0.8426	0.8446	0.8430	0.8456
TBN, mg KOH/g	ASTM D2896	8.0	8.5	7.1	8.0
Sulphated Ash % wt.	ASTM D874	0.9	0.9	0.8	0.8

# ELITE PERFORMANCE SYNTHETIC

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

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, ELITE PERFORMANCE SYNTHETIC is approved and/or recommended and backed by Federated Co-operatives Limited for use in the following applications:

INDUSTRY / OEM	SPECIFICATIONS
ACEA	A5-02 (5W-20, 5W-30)
API	SP/SN PLUS/SN/SM/SL/SJ*
	RESOURCE CONSERVING
FORD	WSS-M2C960-A1 (5W-20)
	WSS-M2C945-B1* (5W-20)
	WSS-M2C961-A1 (5W-30)
	WSS-M2C946-B1* (5W-30)
	WSS-M2C962-A1 (0W-20)
	WSS-M2C947-B1* (0W-20)
	WSS-M2C963-A1 (0W-30)
	WSS-M2C953-B1* (0W-30)
GENERAL MOTORS	dexos1™ Gen 2 (0W-20, 5W-20, 5W-30)
	GM6094M (5W-20, 5W-30)
HONDA	HTO-06 (5W-20, 5W-30)
ILSAC	GF-6A/GF-5*

\*Backwards compatible

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

## 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 online at [www.fuel.crs](http://www.fuel.crs)

## PRODUCT SELECTION

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

PRODUCT SIZES	ELITE PERFORMANCE SYNTHETIC			
	0W-20	5W-20	0W-30	5W-30
1 L Bottle	✓	✓	✓	✓
5 L Bottle	✓	✓	✓	✓
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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## CONTACT INFO

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# ELITE TRUCK SYNTHETIC

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



## PRODUCT DESCRIPTION

ELITE TRUCK SYNTHETIC is formulated to protect the latest turbocharged gasoline direct injection (TGDI) truck, 4x4 and SUV model engines. These engines require added protection while hauling and towing heavy loads, operating in the extreme conditions and during long periods of idling. It is a full synthetic gasoline engine oil that exceeds API SP and ILSAC GF-6A specifications. It is licensed General Motors dexos1™ Gen 2 Approved (0W-20, 5W-20, 5W-30).

**License #:** D125BABI007 – 0W-20 / D130EGBI097 – 5W-20 / D125AABI007 – 5W-30

## PERFORMANCE FEATURES

- Provides superior protection where increased engine performance is required for hauling and towing
- Formulated to protect your engine during stop and go driving or long periods of idling
- Enhanced engine and crankcase cleanliness in dusty and dirty conditions
- Maximizes protection for GF-6 and previous generations
- Top-level protection against Low-Speed Pre-ignition (LSPI), commonly referred to as 'engine knock'
- Designed for all-season performance with viscosity modifiers that prevent oil breakdown at high temperatures and exceptional operation in sub-zero temperatures

## APPLICATIONS

ELITE TRUCK SYNTHETIC is a tested and proven gasoline engine oil for superior protection in hard-working gasoline-powered vans, light-medium duty trucks, agricultural and commercial equipment. It is formulated to exceed engine manufacturers' specifications and requirements.

## 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	46.50	44.60	56.00
Kinematic Viscosity cSt @ 100°C	ASTM D445	8.40	8.40	9.90
Viscosity Index	ASTM D2270	158	166	164
Pour Point, °C	ASTM D5949	-45°	-48°	-42°
Flash Point, °C	ASTM D7094	229°	226°	235°
CCS (Cold Cranking) cP @ °C	ASTM D5293	5,900 @ -35°	3,300 @ -30°	5,100 @ -30°
MRV (Mini Rotary Visc.) cP @ °C	ASTM D4684	36,000 @ -40°	17,000 @ -30°	23,000 @ -35°
HTHS (High Temp/High Shear) cP @ 150°C	ASTM D4683	2.7	2.6	2.9
Specific Gravity @ 15.6 °C	ASTM D4052	0.8440	0.8446	0.8490
TBN, mg KOH/g	ASTM D2896	7.7	8.6	7.7
Sulphated Ash % wt.	ASTM D874	0.7	0.9	0.7

# ELITE TRUCK SYNTHETIC

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

## PERFORMANCE SPECIFICATIONS

In the appropriate grade, ELITE TRUCK SYNTHETIC is approved and/or recommended and backed by Federated Co-operatives Limited for use in the following applications:

INDUSTRY / OEM	SPECIFICATIONS
ACEA	A5-02 (5W-20)
API	SP/SN PLUS/SN/SM/SL/SJ*
	RESOURCE CONSERVING
FORD	WSS-M2C960-A1 (5W-20)
	WSS-M2C945-B1* (5W-20)
GENERAL MOTORS	dexos1™ Gen 2 (0W-20, 5W-20, 5W-30)
	GM6094M (5W-20)
HONDA	HTO-06 (5W-20)
ILSAC	GF-6A/GF-5*

\*Backwards compatible

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

## 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 online at [www.fuel.crs](http://www.fuel.crs)

## PRODUCT SELECTION

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

PRODUCT SIZES	ELITE TRUCK SYNTHETIC		
	0W-20	5W-20	5W-30
1 L Bottle	✓	✓	✓
5 L Bottle	✓	✓	✓

## 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)
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- Manitoba – [www.usedoilrecycling.com/en/mb](http://www.usedoilrecycling.com/en/mb)

## CONTACT INFO

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