

SAE 10W40 ATOG PREMIUM OIL

Performance Standard: API CI4/CI4+/CH4



Product Description

ATOG EVO PREMIUM DIESEL OILS is high performance heavy duty diesel engine oil that helps towards long engine life while providing long drain capability for modern diesel engines operating in severe applications. It delivers excellent performance in modern low emission engines, including refrigerated units, as well as older, well-maintained engines.

Recommendations

It is recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, construction, and agricultural industries. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for diesel engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Many modern, low emission diesel engines generate more soot and operate at higher temperatures than older engines. This significantly increases the need for high performance lubricants. Current tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Top piston rings are located higher, bringing the oil film closer to the combustion chamber and exposing the lubricant to severe thermal stresses. It maintains outstanding performance at high temperatures. It is also fully compatible with conventional oils. The key benefits include:

Features	Advantages and Potential Benefits
Meets or exceeds demanding specifications of major OEMs	One engine oil for mixed fleet operations
Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

It is recommended for use in super high performance diesel applications includes the following:

- ✚ On-highway engines operating in both high speed/high load and stop-and-go conditions
- ✚ Off-highway engines operating in severe low speed/heavy load conditions
- ✚ Virtually all diesel powered equipment from American, European, and Japanese equipment builders
- ✚ Refrigeration units

Specifications & Approvals

ATOG LUBES EVO PREMIUM DIESEL OILS meets or exceeds the requirements of the following industry and builder specifications		
API CI4/CI4+/CH4/SL/SJ	MB-Approval 228.3/235.28	API CF/CF-4
ACEA E7	Mack EO-N	Renault Trucks RXD
Caterpillar ECF-1-a	Volvo VDS-2/VDS-3	Volvo VDS-2
Cummins CES 20076, 20077, 20078	Renault Trucks RLD-2	Caterpillar ECF-1-a
JASO DH-1	MTU Oil Category 2	Cummins CES 20072, 20071, 20075

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	8Min
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.884
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	99.16
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	13.5
7	Viscosity Index	ASTM D 2270	NONE	136
8	Pour Point	ASTM D 97	°C	≤-27
9	CCS @ -25°C	ASTM D 5293	cP	<6600
10	Flash Point	ASTM D 92	°C	≤226

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

SAE 10W40 ATOG PREMIUM OIL

Performance Standard: API SF/SJ/SL/SM/SN



Product Description

ATOG EVO PREMIUM GASOLINE OILS are formulated from quality base stocks combined with modern performance additives to give your engine the protection and the performance you expect under a wide variety of operating conditions. It has been specifically engineered with cleansing technology to stop dirt and sludge build up and therefore help protect and prolong the life of the engine.

Recommendations

It is recommended for use in passenger car and light truck engines requiring API SL or lower performance lubricants and where medium or low viscosity grading is acceptable. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for gasoline engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Proven metallo-organic anti-wear additive system protects engines under all operating conditions by providing excellent wear control. Multi-grade viscosity provides additional protection against wear under high temperature operating conditions. The key benefits include:

Features	Advantages and Potential Benefits
Meets or exceeds demanding specifications of	One engine oil for mixed fleet operations
Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Exceptional low temperature pump ability	Easier engine start-up and reduced wear
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

- Naturally aspirated gasoline engines in passenger cars and light commercial vehicles.
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.
- Not recommended for use in engines that require in turbocharged engines, in CNG or LPG-fuelled engines, in any diesel engines or in motorcycle engines

Specifications & Approvals

ATOG LUBES EVO GASOLINE ENGINE OILS meets or exceeds the requirements of the following industry and builder specifications

API SJ/SL/SM/SN
ILSAC GF-3/GF-5

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	10
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.887
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	116.7
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	14.80
7	Viscosity Index	ASTM D 2270	NONE	130
8	Pour Point	ASTM D 97	°C	-24
9	CCS @ -25°C	ASTM D 5293	cP	6800
10	Flash Point	ASTM D 92	°C	220

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

SAE 15W40 ATOG PREMIUM OIL

Performance Standard: API CI4/CI4+/CH4



Product Description

ATOG EVO PREMIUM DIESEL OILS is high performance heavy duty diesel engine oil that helps towards long engine life while providing long drain capability for modern diesel engines operating in severe applications. It delivers excellent performance in modern low emission engines, including refrigerated units, as well as older, well-maintained engines.

Recommendations

It is recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, construction, and agricultural industries. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for diesel engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Many modern, low emission diesel engines generate more soot and operate at higher temperatures than older engines. This significantly increases the need for high performance lubricants. Current tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Top piston rings are located higher, bringing the oil film closer to the combustion chamber and exposing the lubricant to severe thermal stresses. It maintains outstanding performance at high temperatures. It is also fully compatible with conventional oils. The key benefits include:

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Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

It is recommended for use in super high performance diesel applications includes the following:

- ✚ On-highway engines operating in both high speed/high load and stop-and-go conditions
- ✚ Off-highway engines operating in severe low speed/heavy load conditions
- ✚ Virtually all diesel powered equipment from American, European, and Japanese equipment builders
- ✚ Refrigeration units

Specifications & Approvals

ATOGE LUBES EVO PREMIUM DIESEL OILS meets or exceeds the requirements of the following industry and builder specifications		
API CI4/CI4+/CH4/SL/SJ	MB-Approval 228.3/235.28	API CF/CF-4
ACEA E7	Mack EO-N	Renault Trucks RXD
Caterpillar ECF-1-a	Volvo VDS-2/VDS-3	Volvo VDS-2
Cummins CES 20076, 20077, 20078	Renault Trucks RLD-2	Caterpillar ECF-1-a
JASO DH-1	MTU Oil Category 2	Cummins CES 20072, 20071, 20075

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	8Min
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.887
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	112.2
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	14.8
7	Viscosity Index	ASTM D 2270	NONE	136
8	Pour Point	ASTM D 97	°C	≤-27
9	CCS @ -25°C	ASTM D 5293	cP	<6800
10	Flash Point	ASTM D 92	°C	≤226

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

SAE 15W40 ATOG PREMIUM OIL
Performance Standard: API SF/SJ/SL/SM/SN



Recommendations

It is recommended for use in passenger car and light truck engines requiring API SL or lower performance lubricants and where medium or low viscosity grading is acceptable. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for gasoline engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Proven metallo-organic anti-wear additive system protects engines under all operating conditions by providing excellent wear control. Multi-grade viscosity provides additional protection against wear under high temperature operating conditions. The key benefits include:

Features	Advantages and Potential Benefits
Meets or exceeds demanding specifications of	One engine oil for mixed fleet operations
Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Exceptional low temperature pump ability	Easier engine start-up and reduced wear
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

- ✚ Naturally aspirated gasoline engines in passenger cars and light commercial vehicles.
- ✚ Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.
- ✚ Not recommended for use in engines that require in turbocharged engines, in CNG or LPG-fuelled engines, in any diesel engines or in motorcycle engines

Specifications & Approvals

ATOG LUBES EVO GASOLINE ENGINE OILS meets or exceeds the requirements of the following industry and builder specifications

API SJ/SL/SM/SN
ILSAC GF-3/GF-5

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	10.1
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.886
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	117.6
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	14.86
7	Viscosity Index	ASTM D 2270	NONE	130
8	Pour Point	ASTM D 97	°C	-21
9	CCS @ -20°C	ASTM D 5293	cP	7000
10	Flash Point	ASTM D 92	°C	220

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.



Product Description

ATOGEVO PREMIUM DIESEL OILS is high performance heavy duty diesel engine oil that helps towards long engine life while providing long drain capability for modern diesel engines operating in severe applications. It delivers excellent performance in modern low emission engines, including refrigerated units, as well as older, well maintained engines.

Recommendations

It is recommended for use in a wide range of heavy-duty applications and operating environments found in the on-road transport and off-road mining, construction, and agricultural industries. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for diesel engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Many modern, low emission diesel engines generate more soot and operate at higher temperatures than older engines. This significantly increases the need for high performance lubricants. Current tighter engine designs reduce oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Top piston rings are located higher, bringing the oil film closer to the combustion chamber and exposing the lubricant to severe thermal stresses. It maintains outstanding performance at high temperatures. It is also fully compatible with conventional oils. The key benefits include:

Features	Advantages and Potential Benefits
Meets or exceeds demanding specifications of major OEMs	One engine oil for mixed fleet operations
Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

It is recommended for use in super high performance diesel applications includes the following:

- ✚ On-highway engines operating in both high speed/high load and stop-and-go conditions
- ✚ Off-highway engines operating in severe low speed/heavy load conditions
- ✚ Virtually all diesel powered equipment from American, European, and Japanese equipment builders
- ✚ Refrigeration units

Specifications & Approvals

ATOG LUBES EVO PREMIUM DIESEL OILS meets or exceeds the requirements of the following industry and builder specifications		
API CI4/CI4+/CH4/SL/SJ	MB-Approval 228.3/235.28	API CF/CF-4
ACEA E7	Mack EO-N	Renault Trucks RXD
Caterpillar ECF-1-a	Volvo VDS-2/VDS-3	Volvo VDS-2
Cummins CES 20076, 20077, 20078	Renault Trucks RLD-2	Caterpillar ECF-1-a
JASO DH-1	MTU Oil Category 2	Cummins CES 20072, 20071, 20075

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	8Min
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.891
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	154.2
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	18.52
7	Viscosity Index	ASTM D 2270	NONE	135
8	Pour Point	ASTM D 97	°C	≤-25
9	CCS @ -25°C	ASTM D 5293	cP	<8800
10	Flash Point	ASTM D 92	°C	≤236

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.

SAE 20W50 ATOG PREMIUM OIL

Performance Standard: API SF/SJ/SL/SM/SN



ATOG EVO PREMIUM GASOLINE OILS are formulated from quality base stocks combined with modern performance additives to give your engine the protection and the performance you expect under a wide variety of circumstances.

Recommendations

It is recommended for use in passenger car and light truck engines requiring API SL or lower performance lubricants and where medium or low viscosity grading is acceptable. As a result, this product meets or exceeds the requirements of some of the latest API, Global industry specifications for gasoline engine oils, as well as the requirements of many major American, European, and Japanese engine manufacturers.

Customer Benefits

Proven metallo-organic anti-wear additive system protects engines under all operating conditions by providing excellent wear control. Multi-grade viscosity provides additional protection against wear under high temperature operating conditions. The key benefits include:

Features	Advantages and Potential Benefits
Meets or exceeds demanding specifications of	One engine oil for mixed fleet operations
Outstanding thermal and oxidation stability	Control of low temperature sludge build-up and high temperature deposits
Low volatility, excellent wear and bore polish control	Good oil consumption control
Expertly formulated low viscosity formulation	Fuel economy potential(1)
Exceptional low temperature pump ability	Easier engine start-up and reduced wear
Good resistance to corrosion	Helps towards long life of critical wear surfaces
Long drain capability	Help towards operational efficiency and overall cost control
Component compatibility	Long gasket and seal life, extended service intervals

Applications

- ✚ Naturally aspirated gasoline engines in passenger cars and light commercial vehicles.
- ✚ Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.
- ✚ Not recommended for use in engines that require in turbocharged engines, in CNG or LPG-fuelled engines, in any diesel engines or in motorcycle engines

Specifications & Approvals

ATOG LUBES EVO GASOLINE ENGINE OILS meets or exceeds the requirements of the following industry and builder specifications

API SJ/SL/SM/SN
ILSAC GF-3/GF-5

TYPICAL PROPERTIES:

SL NO	TEST PARAMETERS	TEST METHODS	UNITS	RESULTS**
1	Appearance	Visual	NONE	Bright & Clear
2	Color	ASTM D 1500-12	NONE	Report
3	Total Base Number	ASTM D 2896	mg KOH/g	10.1
4	Density @ 15°C	ASTM D 4052-11	g/ml	0.892
5	Kinematic Viscosity @ 40 °C	ASTM D 445	cSt	165.3
6	Kinematic Viscosity @ 100 °C	ASTM D 445	cSt	19.11
7	Viscosity Index	ASTM D 2270	NONE	131
8	Pour Point	ASTM D 97	°C	234
9	CCS @ -15°C	ASTM D 5293	cP	8900
10	Flash Point	ASTM D 92	°C	234

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.