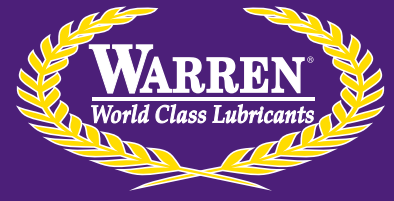


Lubriguard™ SAE 5W-40 Synthetic Heavy Duty Diesel Engine Oil

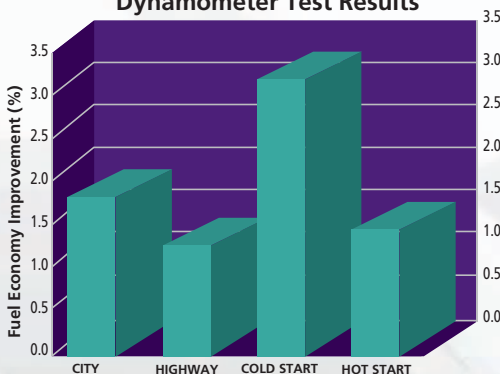


Guaranteed Fuel Savings and Extended Engine Life

Lubriguard SAE 5W-40 API CJ-4/SM synthetic heavy duty diesel engine oil is the optimum choice for fleets and operators desiring maximum returns on their equipment and lubricant investment.

With its superior antiwear performance, soot control, oxidation resistance, extended drain capabilities and reduced oil consumption, this superior lubricant exceeds the requirements of the new API CJ-4 category for heavy duty engine oil. And, it delivers advantageous **fuel economy improvements of 1 to 3 percent under all driving conditions.**

SAE 5W-40 Fuel Economy Dynamometer Test Results



Rely on **Lubriguard SAE 5W-40 Synthetic** for improved fuel economy under all driving conditions.

Engineered to protect new engines with advanced emission control technologies, Lubriguard SAE 5W-40 API CJ-4/SM synthetic formulation is fully backward compatible and extends the life of new and older engines regardless of type. Its outstanding protection and long term cost efficiencies surpass those of conventional API CJ-4 SAE 15W-40 by far.

Combats Soot for Cleaner Engines

Armed with patented SootSlayer™ technology, Lubriguard SAE 5W-40 API CJ-4/SM combats soot for cleaner engines and proper lubrication. This technology diffuses soot into finer particles, resulting in reduced oil thickening and improved abrasive wear prevention.

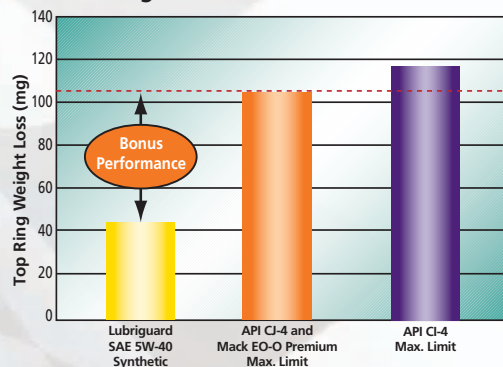
High TBN Reduces Corrosive Wear

A long lasting 10 TBN (Total Base Number) provides extra protection against corrosive acids. Along with outstanding soot handling and oxidation protection, sufficient TBN is critical in supporting longer drain intervals and increasing service uptime.

Superior All-Season Protection

Lubriguard SAE 5W-40 API CJ-4/SM pumps oil to critical engine parts faster, ensuring proper lubrication when engines are most vulnerable, at cold start up. All-season capable, it protects engines in extreme heat as well. Here, too, it outperforms conventional SAE 15W-40 oils.

Outstanding Wear Performance in Mack T-12



Lubriguard SAE 5W-40 Synthetic exceeds the most severe OEM requirements by a wide performance margin.

OPTIMIZED PERFORMANCE AND COST EFFICIENCY

Protection Plus Guards Against

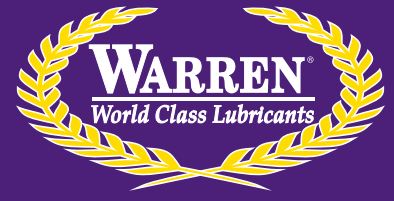
- Deposits and sludge build up
- Thermal and oxidative breakdown
- Viscosity loss from shearing
- Wear-related cold weather starts

Considerable Operating Benefits

- Greater than 1% fuel economy improvement
- Twice the soot handling of API CI-4 oils*
- High, long lasting TBN maintains acid neutralization
- Superior low temperature operating performance
- Extended drain capable vs. conventional SAE 15W-40 oils
- Advanced additive chemistry shields modern emission control systems
- Meets/exceeds OEM requirements to preserve engine warranties

*Based on Mack T-11 soot handling performance in an EGR environment

Lubriguard™ SAE 5W-40 Synthetic Heavy Duty Diesel Engine Oil



Recommended for:

- New diesel engines with exhaust emission control systems
- Older on-highway diesel engines requiring improved protection
- Fleets desiring one premium oil for simplified logistics, regardless of fuel sulfur levels
- Ideal for mixed fleets, including gasoline applications



Reap Rewards at the Pump with Lubriguard SAE 5W-40 API CJ-4/SM Fuel Savings Analysis

Key Operating Conditions	Units	Values	SAE 15W-40	SAE 5W-40	Total Savings
Annual Distance Traveled	Miles	100,000			
Typical Fuel Economy Per Vehicle	MPG	5.8			
Sump Size	Gallons	12			
Typical Drain Interval-Conventional	Miles		20,000		
Proposed Drain Interval-Synthetic	Miles			30,000	
Typical SAE 15W-40 Oil Cost	\$/gal		\$10.00		
Proposed SAE 5W-40 Oil Cost	\$/gal			\$20.00	
Oil Changes Per Year	#		5	3.33	
Annual Oil Cost	\$		\$600.00	\$800.00	
Net Increase in Oil Cost	\$				\$(200.00)
Cost of Diesel Fuel	\$/gal	\$3.00			
Current Annual Fuel Costs Per Truck	\$	\$51,724.14			
1% Savings in Fuel Costs Per Truck	\$				\$517.24
Annual Savings Per Truck	\$				\$317.24
Annual Fleet Savings (Based on 50 Truck Fleet)					\$15,862.07

The fuel savings percentage in this cost savings analysis is conservatively calculated at 1 percent. It is based on a fleet of 50 trucks that travel an average of 100,000 miles per year with fuel economy of 5.8 miles per gallon, sump capacity 12 gallons.

WARRANTY

Your partnership with Warren Oil Company, Inc. is highly valued.

Warren Oil Company, Inc. hereby warrants all Warren brand lubricating products against specified lubrication failure when used in accordance with automotive and/or industrial manufacturers' specifications. Warren Oil Company, Inc. is proud of the quality of our products. Extensive testing ensures that all of our products meet the specifications of manufacturers and governing bodies.

INDUSTRY SPECIFICATIONS

Original Equipment Manufacturers Approvals

- Mack EO-O Premium Plus
- Detroit Diesel Power Guard 93K218
- Cummins CES 20081
- Renault RLD-3
- Volvo VDS-4
- ACEA E7-04

Meets or Exceeds Following Requirements

- API Service Classification CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4/SM, SL, SJ
- Mack EO-N Premium Plus 03, Mack EO-N Premium Plus, EO-M Plus, EO-M
- Caterpillar ECF-3, ECF-2, ECF-1a
- Cummins CES 20077, 20076
- ACEA E7, E5, E3
- JASO DH-2
- MAN 3275
- Mercedes-Benz p228.31
- Volvo VDS-3