



HD Permanent Engine Protection

**ONE TIME USE TREATMENT
FOR ALL HEAVY DUTY GAS OR DIESEL ENGINES:**

Since 1975, this unique proven formula has been providing full-time protection and improved performance. Lubrilon's proprietary formulation chemically bonds a micro-thin Permafused™ Lubricant film to all metal surfaces inside an engine. Lubrilon reacts only with Pfl™ activated metal, leaving no build up that could change tolerances or alter oil flow. It is unequaled by modern day motor oils, synthetic lubricants, oil additives, moly or PTFE type engine

treatments. The use of Lubrilon's Permanent Engine Protection will not void manufacturer's engine warranty. This one-time use product protects and extends the life of your engine.

Overall Performance Benefits:

Protects from Oil Shear, Oil Loss, Additive Breakdown, Acids, Dry Starts
Improves Horsepower, Fuel Mileage, Engine Life, Cold Weather Starts
Reduces Noise, Wear, Friction, Oil Consumption, Overheating, Corrosion

Available Applications:

Automotive and Light Trucks
 Heavy Duty, Agricultural and Industrial
 Marine, Aviation and Motorcycles
 Recreational Vehicles, Lawn and Garden

Retail Pricing:

32 fl.oz – 49.95
 1 Gallon – 199.80

A few things to know before you get started:

- ❖ Lubrilon's Permanent Engine Protection is compatible with all mineral based and synthetic based engine oils of all viscosities.
- ❖ For new and rebuilt engines: Do not use our Lubrilon's Permanent Engine Protection until you have reached at least 5,000 miles and the rings have seated.
- ❖ For optimum performance and protection we recommend that you retreat every 100,000 miles.
- ❖ Do not mix our product with another. If your engine has some other kind of treatment in it we recommend that you first change the fluids and then add our products.
- ❖ We strongly recommend that you keep up your manufacturers' maintenance program.

The **US Department of Energy** found that with a 5% increase in fuel economy, approximately 100 million barrels of fuel would be saved annually. Their test on Lubrilon Permanent Engine Protection concluded the following increase in fuel economy: **Urban +6.9% Hwy +5.31%**

Product Testimonials

"I recommend all of your products to my customers. Lubrilon does the job."
 Leonard Ward

"One quart of Lubrilon engine treatment added almost five months before saved the engine from a major melt down."
 R.B. Todd
 Chemical Applications Consultant

"After completing my annual transportation report and analyzing my expenditures we managed to realize an 18% savings during the school year. Also, one of our buses lost all of its water coming in from Gregory-Portland (about 35 miles), and apparently the Lubrilon protection prevented any damage to the engine. Thank you for your services and I would not hesitate to recommend your product."
 Jose Cantu
 Independent School District

"My pickup used to overheat with the air conditioner on but since installing your product it will idle without overheating no matter how long the wait. It is nice to have a product like Lubrilon Engine Treatment to protect guys like me."
 Ben Lawson
 Virginia

Consumers Digest

"We were somewhat skeptical at first, but it turns out that the product does exactly what the manufacturer claims it does."





HD Manual Transmission Protection

**ONE TIME USE TREATMENT
FOR ALL HEAVY DUTY GAS OR DIESEL ENGINES:**

This product contains our proprietary PfL™ formula that chemically bonds a micro-thin permafused anti-wear lubricant film to all lubricated metal surfaces inside the gear box. Scientifically engineered to migrate into gear and bearing surfaces providing full PfL™ protection from friction, wear and heat.

PERMANENT TREATMENT

Overall Benefits:
Improves overall performance
Extends gear life
Reduces heat, wear, friction

Retail Pricing:
32 fl.oz – 49.95



HD Automatic Transmission Treatment

FOR ALL HEAVY DUTY GAS OR DIESEL ENGINES:

This product contains our proprietary SSL™ formula that cleans, protects and lubricates all metal surfaces. It is designed to blend with all types of automatic transmission fluids. The unique anti-wear performance of this product helps reduce the most common problems caused by wear, heat, cavitation, oxidation and varnish.

This is not a permanent treatment. We can not permanently coat these parts due to the need for friction.

Overall Benefits:
Improves overall performance
Extends gear life
Reduces heat, wear, friction

Retail Pricing:
32 fl.oz – 49.95



HD Standard Differential Protection

**ONE TIME USE TREATMENT
FOR ALL HEAVY DUTY GAS OR DIESEL ENGINES:**

This product contains our proprietary PfL™ formula that chemically bonds a micro-thin permafused anti-wear lubricant film to all lubricated metal surfaces inside the gear box. Scientifically engineered to migrate into gear and bearing surfaces providing full PfL™ protection from friction, wear and heat.

PERMANENT TREATMENT

Overall Benefits:
Improves overall performance
Extends gear life
Reduces heat, wear, friction

Retail Pricing:
32 fl.oz – 49.95



All Purpose Penetrating Lubricant

EXCEEDS FEDERAL SPECIFICATION VV-P-216 AND MIL-L-3150-C

This exclusive formula has been engineered for use as a multi-functional penetrating, anti-wear, anti-corrosive lubricant. The film-forming barrier of protection provided by our penetrating lubricant reduces the need for frequent applications.

Overall Benefits:

- Reduces** Friction, Wear
- Penetrates** Frozen Parts, Inaccessible Parts
- Provides** Extreme Pressure Protection

Applications:

Home Tools, Locks, Hinges, Fan Motors, Frozen Parts, Chains, Saw Blades, Air Tools, Latches, Industrial Chains, Cables, Bearings, Bushings, Linkage and more!

Retail Pricing:

- 13 oz aerosol – 9.95
- 1 quart – 15.95
- 1 gallon – 45.95

Specifications:

Flash Point (COC)	395 F
Pour Point	21 F
API Gravity @ 210F	24.1
Timken OK Load	60 lbs.
Viscosity SUS @ 210F	48.16
Viscosity Index	91
Falex E.P. Properties ASTM,D-3233 Equivalent True Load Failure	4200 lbs.
Falex Wear test ASTM D-2670 Number of Teeth of Wear 15 minutes at 910 Ft-Lb True Load	.0
4 Ball Wear Test ASTM, D-4066, Average Scar Diameter MM	0.54
Salt Sea Spray, 100 hours in 5% NaCl Solution Fog	No Rust

Product Testimonials

Dear Sir,

We are fortunate that we use Lubrilon. I have a chain that I use to run my clam hoister and we normally run through 3 or 4 of these chains per year. These chains get rusted up and brittle. I have a chain that is on there now and has been for the past nine months. It looks like brand new. All I have done is spray this chain once a week with Lubrilon APL Spray Lubricant. We are self-employed and know that we have saved time, repairs and saved money. Recently our turbocharger froze up so we sprayed it with the spray lubricant as well then treated the engine so this would not happen again.

Sincerely,
Ronald & Linda Crew

The **Southwest Research Institute** found that you can resist and protect from corrosion caused by salt water spray through the use of Lubrilons' All Purpose Penetrating Lubricant Spray. (APPL Spray)



Trusted Name in Lubrication Since 1975

Product Data



All Purpose Grease

Extreme Temperature Applications -20°F to +500°F

This product contains our proprietary PFL™ formula that chemically bonds a micro-thin permafused film to all lubricated surfaces. It provides protection for an extended period of time under demanding conditions and extreme shock loads. This grease is engineered to meet the rigid requirements of today's complex automotive, fleet, industrial, heavy duty and farming equipment.

MEETS: General Classification #2 Fortified	MIL-G-2354913
General Purpose	MIL-G-25013D
Ball and Roller Bearings	MIL-G-83261
Wide Range Temperature	
Meets Ford Wheel Bearing Test	
USDA Accepted	
Flash Point (COC)	455 F
NLGI Grade	2
NGLI Penetration Unworked	265
Timken OK Load	286
Worked 60 Strokes	290
Soap Type	Inorganic Clay Base
AASTM Dropping Point	NONE
Timkin OK Load	45lbs.
Cooper Strip Corrosion	NDA
Base Oil Viscosity (SUS @ 100°F)	500
Splatter Test	PASS
Extreme Pressure Test - ASTM D217-68	GOOD
Mechanical Stability Test - ASTM D217-68	GOOD

Product Testimonials

Just a note to thank you for recommending Lubrilon All Purpose Grease.

It has resolved my problem with the printing. I tried several brands of high temperature grease, but Lubrilon has stayed with the bearings that were getting too much heat and has convinced me that this is a product I can depend on in the future.

I am recommending Lubrilon grease to all my customers that demand a reliable lubricant such as Lubrilon.

Thanks again,
Kenneth H. Wright, Jr.
Kenwil Service

In regard to our previous discussion of lubrication problem with packing and stuffing boxes of our pumps, we have tested your All Purpose Grease for the last 30 days and have found it has the ability to adhere to plunger shafts that other greases would not do.

The grease was used with a water temperature of 40 degrees and pump pressures up to 10,000 P.S.I. Our packing life was extended 300% over the other greases tried.

Thank you very much for bringing this product to our attention.

Small Corporation
Grand Forks, ND

Overall Benefits:

USDA Accepted • Non-Melting • Extreme Pressure Protection • Extreme Temp Applications • Reduces Wear & Friction • Mechanical Stability • Superior Metal Adhesion • Water Resistant • Resists Oxidation & Corrosion

Applications:

Home Tools, Locks, Hinges, Fan Motors, Shop Frozen Parts, Chains, Saw Blades, Air Tools, Latches Industrial Chains, Cables, Bearings, Bushings, Linkage

Retail Pricing:

14.5 oz – 7.95



Consumers Digest

"We were somewhat skeptical at first, but it turns out that the product does exactly what the manufacturer claims it does. In fact, the more we looked, the more facts stacked up on the products side."

The **Automotive Service Council of Pennsylvania, Inc.** performed a torture test with excellent results. Three cars were treated with Lubrilon Permanent Engine Protection. Six months later, the oil was drained from each vehicle, and the cars were driven, without oil plugs, for about a half hour. The water temperature never rose, and the engines sustained no apparent damage.

The **US Army** found virtually no wear or deterioration to all components treated with Lubrilon Products. All internal parts were sent to a N.A.S.A. lab for detailed inspection. Testing at N.A.S.A. proved the coating to be 1 micron thick and bonded to the metal surfaces.

The **Franklin Institute Research Laboratory, Inc.** tried to remove the permanent coating that Lubrilon products apply to lubricated metal surfaces but were unable to do so. They concluded that "The above experiments show that coating to be 1 to 2 microns thick and bonded to the surface."

TÜV, a prestigious Motor Test Lab in Germany, conducted testing on Lubrilon Products and the results showed, "... a measurable reduction in the frictional losses through the addition of Lubrilon to the engine, gear box and back axle oils."

The **Cranfield Institute of Technology** in England conducted a 5 Year Test on the effect Lubrilon Permanent Engine Protection has on metals. This test lead to two important conclusions:

- as compared to ordinary oil, Lubrilon Permanent Engine Protection dramatically extends the life of the metal.
 - the product coats the metal surfaces, causing the treated "dry" metal to outperform untreated "dry" metal.
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The **Southwest Research Institute** found that you can resist and protect from corrosion caused by salt water spray through the use of Lubrilon* All Purpose Penetrating Lubricant Spray. (APPL Spray)

Detroit Allison, a division of General Motors Corporation, tested Lubrilon Permanent Engine Protection and stated that "Lubrilon is an all organic material which does not lend itself to laboratory-type analysis."

The **US Department of Energy** found that with a 5% increase in fuel economy, approximately 100 million barrels of fuel would be saved annually. Their test on Lubrilon Permanent Engine Protection concluded the following increase in fuel economy: **Fuel Economy, mpg change: Urban +6.9% Highway +5.31%**



Nordisk Motor Center, Sweden's most advanced motor testing establishment, conducted testing on Lubrilon products and stated that, "Lubrilon maintains its effectiveness even after an oil change" and "fuel consumption decreased by 11.4%"

The Engineering Research & Application Ltd in England conducted a test on Lubrilon Permanent Engine Protection and reported the following increase in fuel economy:

Condition Percent Change: Urban +7 90 KPH +5.15 120 KPH +11.32

Le Tourneau University conducted a test proving the fuel economy gains achieved by treated engines with Lubrilon Permanent Engine Protection. After driving 800 miles, mileage per gallon increased from 16 mpg to 21.8 mpg. (highway driving)

The **University of Nantes** in France conducted a full load test on Lubrilon Permanent Engine Protection, proving our claims to be true. Internal engine friction decreased while horsepower and torque increased. They stated that "a single treatment with Lubrilon Engine Protection will provide a substantial savings due to improved engine efficiency and lubrication"

At full load Test Results

- Friction** - 16 %
- Torque** + 4.7 %
- Horsepower** + 4.7 %
- Acceleration** + 17 %

The **Federal Aviation Administration** found engine friction at take off and cruise RPM's lowered 25 to 30 percent when aircraft engines are treated with Lubrilon Permanent Engine Protection. Also, oil consumption after ten hours of testing was a mere one pint. (Normal acceptable oil consumption averages one quart per two hours.) They concluded by stating that they "...would consider all findings to be better than acceptable standards."

The **Swedish Institute of Agricultural Engineering** found a decrease in the amount of harmful carbon dust emissions and fuel consumption achieved through the use of Lubrilon Permanent Engine Protection.

An independent service station and a garage in Bethesda, MD reported an occasion where they used Lubrilon Keep Clean to help their customer pass emissions testing and stated that "It's performance like this that is getting the Lubrilon name flying around the Washington DC area."

	Before	Maryland Standard	After Using Keep Clean
Hydrocarbons	3.80	2.2	.80
CO2	1.85	1.20	.47