

PART I OF THE SUSTAINABILITY PROGRAM:

THE REVOLUTIONARY TECHNOLOGY BEHIND INFINITY LUBE™

Infinity Lube™ is a revolutionary lubricating phenomenon. It accomplishes a seemingly **WEARLESS, CORROSIONLESS, and nearly FRICTIONLESS** environment by the following:

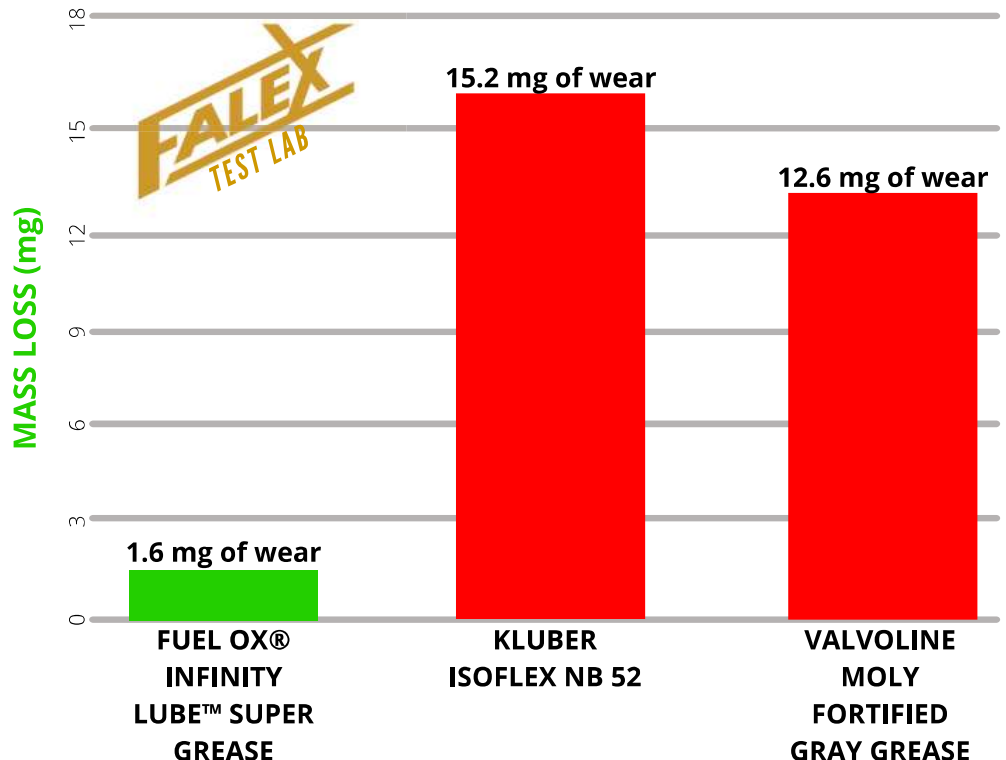
CARBONITRIDING- Infinity Lubes™ are the first lubricants ever to use the natural friction and the heat it produces to induce carbonitriding, better known as case hardening, within the machinery itself. Eliminating the need to remove the components and send them out for expensive carbonizing treatment and ensuring longer lasting machinery.

TRIBO ELECTRIC EFFECT- takes place when two metals touch. The normal cycle of heating/cooling, heating/cooling, heating/cooling that takes place within the machinery acts as a forging process for the unique oils that make up Infinity Lubes™, carbonitriding the metals and making them super hard and impervious to environmental degradation and fretting. Conventional petroleum lubricants act as insulators, stopping the Tribo Electric Effect.

TEST RESULTS

These mass loss test results to the right are from the Falex Lab Testing Services. The ASTM-D4170 test compares the mass loss of metal over a 22 hour period. It compared Infinity Lube™ Super Grease to two brand name greases. Test results prove that Fuel Ox® Infinity Lube™ Super Grease reduces wear by as much as 700% or more than any grease on the market.

ASTM-D4170 TEST



THE FUEL OX® INFINITY LUBE™ VS. CONVENTIONAL LUBRICANTS

Fuel Ox® Infinity Lube™ is a revolutionary new form of lubricant that not only supplies superior lubrication but goes far beyond other conventional lubricants. Infinity Lube™'s proprietary formula conditions the metal itself. Unlike our competition, no coatings, fillers or other toxic paraffins are needed. Most other lubricants have as their objectives water displacement and film lubrication which is oftentimes accomplished by utilizing environmentally unsafe chemistries. They attempt to reduce metal degradation, but the constant attacks by oxidation and acids on the metal surfaces means that more applications of the lubricant is required. What Fuel Ox® Infinity Lube™ does differently is that it conditions the metals first from within, which will then stop the metallurgical oxidation condensation catalysis.

TREATING THE METAL MAKES ALL THE DIFFERENCE

Carbonitriding is the simultaneous diffusion of carbon and nitrogen into the surface of ferrous metals through a process of heat treatment which is lower than that of carburization. It is a process normally performed in ovens. Infinity Lubes creates a reaction similar to this process employing TRIBO friction to generate the needed heat and diffusion of its bio-based formula directly into the opposing contacting interfaces which generates a metallic reaction of phase transformation and hardening of each of the contacting interfaces. Essentially using something conventional lubrication theory is trying to eliminate, friction, to its advantage. This process transforms both into wearless and corrosion less steels beyond their normal ferrous based metal crystalline structures.

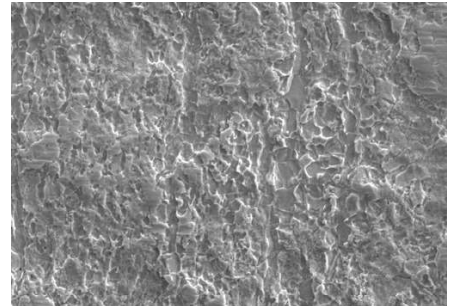
The Infinity Lubes reaction depends on the Extreme Pressure's (EP's) to determine the micron depths of this case hardening. The reaction goes far beyond conventional lubricants that employ bonding or sacrificial oxide layers, film strengths or any Liquid Oil Additives (LOA's) capabilities to keep the interfaces from making contact. In short it is the contacts themselves that presents sustainable properties far beyond past or modern Tribological sciences. Although classified as a lubricant, the Infinity Lubes technology is within mechanical and material sciences and is sourced within surface treatment and science. Infinity Lubes is a true Metal Conditioner that stops and sustains friction and wear including all of the wear factors of Tribo-corrosion and fretting.

TREATING THE METAL MAKES ALL THE DIFFERENCE (Continued)

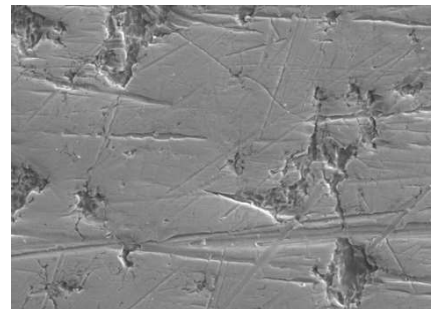
What makes Fuel Ox® Infinity Lube™ different is its ability to successfully treat metal itself. The concept of treating metal is not new but it is very limited due to the reactions that occur. Most lubricants are made up of Chlorinated ions. Although they reduce friction the draw backs are numerous, including the creation of oxidation damage to metal. Fuel Ox® Infinity Lube™'s proprietary biobased formula creates a barrier that causes the surface of metal to change. Fuel Ox® Infinity Lube™ cleans the existing carbon from the friction points then increases the vulnerability of the metal to allow the initial friction to smooth and embed its unique components directly into the metal surfaces. Fuel Ox® Infinity Lube™ primary ingredient is a forging fluid that creates case hardening on the peaks of the sub straights - precisely on the direct contacts of the friction points. They become harder, microscopically smoother, and an anionic charge is created between the metal that cause them to repel each other. Similar to two magnets with the same polarity, these two magnets float above each other reducing drag, friction, operating temperatures, and wear.

This process of conditioning the metal begins to occur at a temperature of 98°F, leaving a new, stronger, harder surface which allows the overlying film strength to last up to 10 times longer or more. These pictures on the right were taken with an Electron Microscope showing the before and after effects that Infinity Lube™ has on metal surfaces.

BEFORE INFINITY LUBE™



AFTER INFINITY LUBE™



BEFORE INFINITY LUBE™



AFTER INFINITY LUBE™



INTRODUCING FUEL OX® INFINITY LUBE™ FAMILY OF LUBRICANTS WITH HDI-2500 FOR NEAR ENDLESS SUSTAINABILITY

INFINITY LUBE™ family of products provide unparalleled sustainability of treated parts and components resulting in savings unmatched by competition.

INFINITY LUBE SUSTAINABILITY

- Fuel Ox® Infinity Lube™ Liquid Friction Eliminator (LFE) – designed as an additive for all oils (except automatic transmission fluids) and hydraulic fluids
- Fuel Ox® Infinity Lube™ SG (Super Grease)
- Fuel Ox® Infinity Lube™ Super Spray



WHAT CAN YOU EXPECT TO SEE IN YOUR EQUIPMENT WHEN USING FUEL OX® INFINITY LUBE™?

- Infinity Lube™ increases the life of all treated metal surfaces and subsequently all parts and machinery.
- Infinity Lube™ reduces operating temperatures through true friction reduction.
- Infinity Lube™ when used as an additive, it will combine and enhance the performance of any conventional, synthetic, or hydraulic oil.
- Infinity Lube™ will lower the operating cost of all your equipment that is treated with it.
- Infinity Lube™ reduces equipment downtime thus reducing overall operating cost.
- Infinity Lube™ will extend your intervals between treatments dramatically.
- Infinity Lube™ will sustain its performance many, many times longer than the competition.
- Infinity Lube™ is unlimited in its potential uses.

FUEL OX® INFINITY LUBE™ SUPER GREASE



Premium Super Grease Infinity Lube Technology fortified with HDI-2500 conditions, hardens, and lubricates metals as friction and temperature increase. Built to last in the most extreme rugged environments where other greases fail, including automotive, heavy equipment, marine, & industrial applications. Extremely stable and water resistant, drastically reduces friction wear and operating temperature of treated surfaces.

- Prevents metal to metal seizure by creating the strongest and longest lasting micro-layer of lubricant film protection.
- Use on your most critical and valuable equipment
- Minimizes downtime from equipment breakdowns
- Can be used for automatic dispensing systems
- For bucket pins, chassis fittings, springs, water pumps, bearings, and any general lubrication
- Excellent in wet environments
- Outstanding barrier performance against abrasive particles, such as dirt, sand, salt, and mud

FUEL OX® INFINITY LUBE™ SUPER SPRAY



A Premium Penetrating Lubricant, Cleaner, and Degreaser, fortified with our patented HDI-2500 metal conditioning formula. Contains no petroleum, made with plant based essential oils, is biobased and toxin free. Spray Infinity Lube™ Super Spray for a seemingly WEARLESS, nearly FRICTIONLESS, and CORROSIONLESS surface. Get up to 10X more sustainability than the competition

- Loosens and releases rusted, stuck, or frozen metal parts
- Drastically reduces friction wear and operating temperature increasing sustainability
- Conditions, smooths, and strengthens metal on a micron level
- Outstanding barrier performance against abrasive particles, such as dirt, sand, salt, and mud
- Minimizes downtime from equipment breakdowns
- Non-harmful to any seals or protective coatings
- Anti-corrosive (impedes corrosion from rust, oxidation, dirt, etc.)
- Cleans & degreases
- Extends life of metal, reducing the need for replacement parts
- Safe for the environment and non-harmful to aquatic life

FUEL OX® INFINITY LUBE™ LIQUID FRICTION ELIMINATOR

Premium Liquid Lubricant that cuts friction, wear, and operational temperature. When added to your oil reservoir, Liquid Friction Eliminator will extend the interval between oil changes by three to five times. Under a microscope metal will look like peaks of carbon build up and valleys of pitted, oxidized and corroded metal. Fuel Ox® Infinity Lube™ Liquid Friction Eliminator cleans the existing carbon from the friction points then increases the vulnerability of the metals to allow the initial friction to smooth and embed its unique components directly into the metal surfaces. Fuel Ox® Infinity Lube™'s primary ingredient is a forging fluid that creates case hardening on the peaks of the sub straight precisely on the direct contact of the friction points. They become harder, they become microscopically smoother, and Infinity Lube™ creates a charge between the metals that cause them to repel each other, similar to two magnets with the same polarity. Just like these two magnets floating above each other, drag is reduced and thus friction, wear, and operating temperatures are reduced. Infinity Lube™'s lubricity and sustainability will last up to 10X longer or more. Pour Infinity Lube™ Liquid Friction Eliminator directly into your oil reservoir at the ratio of 2oz per quart of oil and use on all other applications where friction and temperature need to be reduced. Besides being used in crank cases and gear boxes Liquid Friction Eliminator is perfect as a machining oil for machine shops and any industrial or home need.



- Strengthens and smooths metals on a micron level
- Compatible with both conventional and synthetic oils
- Minimizes downtime from equipment breakdowns
- Outstanding barrier performance against abrasive particles, such as dirt, sand, salt, and mud
- Increases longevity of lubricated equipment
- Increases life of bearings and any other metal surface
- Lowers amperage needed to operate equipment
- Go three times longer between oil changes
- Reduces friction wear and operating temperature of treated surfaces
- Reduces engine noise for a smoother quieter ride

*Not for automatic transmission fluids



TESTIMONIALS & CASE STUDIES

A Safety Director from one of the largest marine towing, fleet, harbor, repair, and new construction companies located on the Ohio River tested Infinity Lube™ and saw these results:



Lubrication is essential to our operation due to massive tons moving through our facility. Every grease and lube we tried died out quickly or became saturated. Wear and corrosion quickly became enemy #1. Prior to 2005, all our applications were falling prey to downtime and costly equipment replacements. There was no grease or lube we have not tried but the friction forces driven by weights of 2500 tons coupled with environmental issues proved great losses to our operations. ...we tried the [Fuel Ox® Infinity Lube™ SG] blended grease in our Trolley Carriage that submerges out and under the Ohio River within the 140- 10 inch Timken railway carts. These bearings proved impossible to present any measurable sustainability due to water, mud, sand and weights from the barges loaded on the trolley. Once loaded, there cable pulled up a 18% incline on 5 sets of railroad tracks within 35 rail carts all according to the size of the barges. At times, they're as big as a football field. The dangers are at a maximum level staying far away from the entire unit. Five steel cables pulling extreme weight. In order to make the pulls, greasing these bearings was at least twice a day. We were losing these bearings at times as much as 5 per month. The losses prior to 2005 was of the costs of replacements, tremendous downtime in production, labor and risk to safety. We began using the [Infinity Lube™ SG] within all the bearings and within days, we began to see tremendous results. The bearings were not extracting water during greasing. They were not heating up during pulls. We stopped losing bearings. As time went on, the bearings were using less grease and the water was hardly coming out. Failures on the bearings decreased. The greasing intervals went from 2 times a day to once or twice a month. We had finally found true sustainability for the Trolley carriage. From 300 ton to 2400 ton loads the bearings were holding. Its very difficult to understand the superiority of [Fuel Ox®'s Infinity Lube™ SG] until you take time and visit our operation.



They have further reported total savings in bearings alone at \$9,645,000 since then. This does not take into account the the elimination of the cost of labor for replacements, decreased downtime for the Trolley and facility plus reductions in greasing intervals. This gives them a ROI of 100x.

HEAVY EQUIPMENT, RAIL WHEEL CARTS, HYDRAULICS, CRANES, CHAINS, EXTREMELY HEAVY LOADS, WATER, MUD

SOLUTION:

FUEL OX® INFINITY LUBE™ SUPER GREASE & LIQUID FRICTION ELIMINATOR

Our applications push conventional lubricants to their limits and beyond. The extreme weights, metal to metal contact, friction, and harsh conditions far exceed the capabilities of any line of conventional lubricants. I began working with Fuel Ox® Infinity Lubes™ in 2005 due to our T-rail tracks peeling and destructing during barge pulls from the Ohio River. Fuel Ox® Infinity Lube™ solved a very severe problem and its sustainability far exceeds any other lubricant product we have ever used. The pressure and friction of 1400 tons of rolling steel on steel rails presented problems that only Infinity Lube™ could resolve. Because of these amazing results we treated our crane engines, crane boom hoist assemblies, drive chains and steel chains in our blast and paint area. We then moved on to our hydraulic units to solve a heating and failure problem where Infinity Lube™ achieved great results. We also added the Infinity Lube™ Super Grease to our (10" Timken) bearings on our wheel carts used to support and move the barges and immediately stopped frequent bearing failures. A Linkbelt crane started losing power and smoking, we found engine coolant blowing out of the dipstick tube. We drained several gallons of coolant out of the oil pan, added Infinity Lube™ Liquid Friction Eliminator and started the engine back up. The engine ran like nothing ever happened with just a slight trace of smoke. We finished this job which took another 30 days only to shut down almost on a daily basis to drain engine coolant from the oil pan and changed the oil once during this period., I have trusted this product 100% after this incident.. Since 2005 we have experienced countless seemingly impossible results with this product. The performance is of course very important but its sustainability since 2005 has proven to us that the savings due to (lack of) down time, replacement of failed parts and aftermarket lubricants is unimaginable.

**-R.L. Construction Superintendent, One of the largest towing, fleet, harbor, repair, and new construction services on the Ohio River
July 24, 2019**

WIND TURBINES, HEAVY MACHINERY

SOLUTION:

FUEL OX™ INFINITY LUBE™ LIQUID FRICTION ELIMINATOR & SUPER GREASE

I have been using Fuel Ox Infinity Lube™ Super Grease, Liquid Friction Eliminator, and Super Spray lubes for almost 10 years now within the wind turbine industry. The results are totally unequaled and the sustainability's light years ahead of all other greases and lubes. Before I was introduced to Infinity Lube™,, we were using Shaffer greases, Exxon Mobil, Kluber Isolflex NBU 15, Red and Tacky and countless other greases in the attempt to find some real levels of sustainability to the lube programs for our turbines we service. Now we've begun treating the Hawaiian and Alaskan turbines with excellent results. Keeping these turbines properly greased and lubed determines their very lives. All grease we tried before, not only would not present measurable sustainability, but would even cause drag of the energy outputs. The Infinity Lube™ system actually increases the outputs of the turbines.

-J.F., Full-service renewable energy installations company

OILFIELD APPLICATION, PUMPS, ASSORTED HEAVY MACHINERY

SOLUTION:

FUEL OX® INFINITY LUBE™ LIQUID FRICTION ELIMINATOR & SUPER GREASE

We survive on the proper lubricants and greasing intervals on our wells all across the country. No one is more skeptical than I am even though I was impressed with what I saw when I first tried Fuel Ox® Infinity Lube™ Super Grease and Liquid Friction Eliminator. I placed an order and moved forward with testing. We have many moving parts on our high-pressure double pumper fluid pumps. I have tried every grease and oil known to the industry, but what I witnessed with this metal conditioner was nothing short of a paradigm shift in lubrication. Our wear and greasing intervals were reduced so drastically that I've commissioned our main office to start full implementations throughout all applications of this PM program.

-J.B., Pump & Field Supervisor, Company that specializes oilfield services & equipment to businesses engaged in the exploration and production of oil and natural gas worldwide

Precision Machining and Fabricating in Standish, MI

APPLICATIONS: Lathe, Drill, Carbide Inserts, Taps

SOLUTION: FUEL OX® INFINITY LUBE™ LIQUID FRICTION ELIMINATOR



A precision machine shop specializing in all types of detail machine work and short run production. For the last few months we have been using Fuel Ox® Infinity Lube™ Liquid Friction Eliminator with amazing results. Below are a few of the ways we have found to use the Fuel Ox® Infinity Lube™ Liquid Friction Eliminator product to save money and improve the quality of the parts we are machining:

Carbide Inserts: One of the applications that is truly amazing to me is when we apply Infinity Lube™ to our carbide inserts. We simply use a brush as the applicator and we are seeing an insert life increase of 2 to 3 times over instances when we do not use Fuel Ox® Infinity Lube™. This is on both milling and lathe applications. In addition, the parts have a better finish and are more consistent in holding tolerance.

Tapping Fluid: We use a common tapping fluid. We found that when we add Fuel Ox® Infinity Lube™ Liquid Friction Eliminator at a rate of 2 ounces per quart Fuel Ox® Infinity Lube™ increased the life of the tap substantially. I actually took a tap that was squeaking and squealing and starting to wear out. I applied the Infinity Lube™ and continued to tap an additional 500 holes with great success. This was a standard 34 X 10 high speed steel tap used on 4140 tool steel.

Lathe Hydraulics: We had a hydraulic system on a Mazak lathe making noise and pulsating. We added Fuel Ox® Infinity Lube™ Liquid Friction Eliminator at a rate of 1 ounce per quart to the hydraulic tank and it substantially reduced the noise level and stopped the pulsating.

Drilling Aluminum: Using Fuel Ox® Infinity Lube™ Liquid Friction Eliminator applied directly to the drill with a brush, we were able to stop all of the galling and build up on the drill, plus we achieved a much better quality finish of the aluminum.

-M.O., Owner



Large Mining Company - Eastern, KY

988H CAT Loader

SOLUTION: FUEL OX® INFINITY LUBE™ SUPER GREASE



I just want to tell you how amazed I am with the Infinity Lube™ Super Grease. We applied Infinity Lube™ Super Grease to the bucket pins of a 988H CAT loader. This is an application where we have historically had to grease the pins every 10-12 hours of operation. Regardless of the grease we applied. If we did not grease the pins in that time frame, they will start squealing and we would have to shut down the equipment. On the day we started our test, at 10 am, the ambient temperature was about 52 degrees F. Using a heat gun, the pivot point, pin area, was 88 degrees F. We greased the pins on the bucket with Infinity Lube™ Super Grease and purged all of the old grease. At the end of that shift, the pins were doing great. We did not grease them again. The next morning at 10 am, the ambient temperature was 56. The pivot point was only 42 degrees. This was truly unexpected. Obviously, the heat reduction occurred due to tremendous friction reduction after applying the Infinity Lube™ grease. Due to the fact that we had never witnessed this level of performance before, to validate the performance, we decided to not grease the pins but, check them again later. Ultimately, we ran the machine 6 shifts, using the machine in situations where water was covering the pins, before we re-greased the pins. At that point, the pins still were quiet and there was no sign of any squealing. That's not all the next incredible part of this is the volume of grease required to obtain this phenomenal performance. With our typical greases, our service engineer had to usually put 7-10 pumps of grease in the pins, before it would begin to come out. With Infinity Lube™ Super Grease, even after running the machine for 6 shifts, instead of the normal time of 1 shift, it only took 2 pumps of grease to fill the pins. In conclusion, with applying the Super Grease our 988 Cat Loader ran 6x longer and used approx. 80% less grease. We obtain significant cost savings in labor, less downtime/higher productivity and lower grease consumption. HDI-2500 is the real deal and we are grateful we were introduced to this amazing technology.

-C.G., Maintenance Coordinator

