New Product! Opti-Lube Ag Formula

Dealer Spotlight

The Different Aspects of Cetane

New Opti-Lube Agriculture Formula!

Opti-Lube Agriculture (Ag) Formula is designed to meet the needs and demands of farming equipment and bulk storage.



Here at **Opti-Lube** our goal is to improve performance and extend equipment life. At only \$0.05 per treated gallon of diesel, the benefits of Ag far outweigh the cost.

> Like all Opti-Lube diesel products Ag Formula improves lubricity, adds efficiency and cleans injectors. The components inside have been specially formulated with a water separator (demulsifier) to help stabilize your fuel for long term storage and inhibit bacterial growth. To counter the growing amount of B5 and B10 bio-diesel Ag also contains a measure of anti-gel to help keep your fuel flowing at colder temperatures, despite the high

Cloud Point of many bio-diesels. With the added benefit of 5-7 points cetane, **Ag** will make your equipment a force to be reckoned with.

AGRICULTURE FORMULA





- Boosts Cetane rating
- Improved water separation
- Keeps Fuel Systems Clean
- Improved Cold Starts
- Increased Power
- Improved Storage Stability
- Fuel Will Flow Down to 0 °F*

Available by the Quart, Gallon and 55 Gallon Drum. *Dependent on base fuel.

SHIPPING When you purchase one gallon of ANY Diesel Additive & one 8oz of Single Clean

No coupon code needed! Simply add to your cart on **opti-lube**.com **Valid Ocotober Only!**

Tired of measuring additive for every tank?

Opti-Lube XPD and Winter 8 packs and 6 packs were specifically designed for convenience. Premeasured to treat 8 - 32 gallons of diesel fuel each bottle will treat one full tank. After emptying one in your tank simply dispose of the empty bottle. It doesn't get any more convenient than that.



Protect your investment from gelling

Refineries make sure their diesel fuel meets minimum low temperature specifications based on location and time of the year. But unreasonable cold snaps, long distance travel from a warm location to a cold location, or just extreme low temperatures can cause issues for many drivers. One main issue: gelling.



Why does the fuel gel? All diesel fuels contain waxes. When the waxes are warm, as in milder climates, they stay liquid and are harmless. But as they cool, the waxes begin to crystalize and link together. A visual haze known as the 'Cloud Point' begins to appear in your fuel. As temperatures continue to fall, sheets of crystallized waxes form and begin to stack on top of each other, creating more solid layers that can block filters, stoping the flow of fuel to the engine. Eventually as the fuel becomes more gel-like fuel flow will stop all together. Opti-Lube XPD and Winter contain components that interact with the wax molecules in a way that prevents them from stacking and subsequently forming large, filter plugging crystals. As temperatures drop have you asked yourself, 'Am I ready for winter?'

WINTER IS COMING! Are you covered? Protect yourself and your investment from gelling.

The different aspects of Cetane

Cetane is becoming commonly heard, but many people still ask; 'What is Cetane? Why do I want Cetane?' Let's consider three aspects of cetane to answer these questions.

The Cetane Number or CN is a measurement of the length of time from fuel injection until the combustion process begins. It is **NOT** a measurement of fuel economy,

power or combustion smoothness.

HOW DOES CETANE WORK? Cetane improvement reduces the ignition delay period between the first fuel injection into the cylinder and start of combustion. In short, the higher CN, the easier fuel will

combust in a compression setting (such as a diesel engine). The characteristic diesel 'knock' occurs when fuel that has been injected into the cylinder ignites after a delay - causing a late shock wave. Minimizing this delay results in less unburned fuel in the cylinder and a less intense 'knock'. Therefore higher CN fuel usually causes an engine to run smoother and quieter.

By increasing the cetane number of your fuel you improve cold starts and reduce engine noise. By reducing the ignition delay

cetane causes a more complete burn. Because of this it's very common to see a MPG increase with a higher CN.

Generally, diesel engines operate well with a CN from 40 to 55. As mentioned earlier, fuels with a higher cetane number have shorter ignition delays, providing more time for the fuel combustion process to be completed. Hence, higher speed diesel engines operate more effectively with higher CN fuels.

Interestingly many countries, such as Iceland, Norway, Switzerland and many other countries in Europe, require a minimum cetane rating of 51. Premium diesel fuel can have a CN as high as 60. The U.S. however, has a minimum CN rating at 40 and Premium diesel fuels are not required to have a higher cetane rating - it is left to the discretion of the supplier.

With these facts in mind Opti-Lube provides a number of diesel additives ranging from a 3-9 point cetane increase to help you 'blend' your way to premium diesel. See your diesel vehicle running at peak efficiency and grab some higher MPG today with Opti-Lube Diesel Fuel Additives.

for more testimonials check out our website at: opti-lube.com



DEALER SPOTLIGHT



HOW LONG HAVE YOU BEEN AN OPTI-LUBE DEALER? JD Supply has been a dealer for almost 2 years.

WHAT IS YOUR #1 SELLING ITEM? The number one selling item is XPD gallons.

HOW DO I ORDER FROM YOU? You can order from our website: http://JDSupplyLLC.com We are always open to phone calls to answer any questions. We also allow for local pickup in Oregon to save on shipping costs. (Please see dealer listing on opti-lube.com for address)

HOW LONG DOES IT TYPICALLY TAKE TO PROCESS AN ORDER? Orders are typically processed same day, if not it will be processed next business day.

WHAT BENEFITS HAVE YOU SEEN USING OPTI-LUBE IN A PERSONAL OR COMPANY VEHICLE? We use Opti-Lube XPD with a half dose of Boost! in all of our farm equipment and pickups. We used to have lots of fuel filter clogging issues throughout the year because of Oregon Biodiesel mixture

Opti-Lube has improved

that is prone to hold water. Opti-Lube has cut down on all fuel filter clogging issues now that our systems and tanks are clean. We averaged around a 1.5mpg gain throughout our diesel pickups. It is difficult to estimate fuel savings on farm equipment since the load changes so much, but you hear the difference in the engines and also smoke is reduced from the exhaust.

Founded in early 2014, JD Supply is a small, family owned business located in the heart of the Pacific Northwest. "Fueled by my love of cars and background in farming industry, I wanted to provide top quality parts and products to other surrounding farms and businesses." Word caught on, the business grew and JD Supply was born. We provide the parts you need for your ride whether it's exterior, interior or performance related. Founded by a 3rd generation farmer, JD Supply knows the value of hard work.