



FIELD PROVEN SOLUTIONS TO DRILLING CHALLENGES



REDUCE FRICTION / INCREASE OPERATING EFFICIENCY

POWERED BY:



TECHNOLOGY



THE ULTIMATE GAME CHANGER IN DRILLING TECHNOLOGY

With operations in the Bakken, Permian, Marcellus, and international oilfields, ProOne, Inc. has developed the most advanced problem-solving technology in lubrication today which dramatically reduces heat and friction and has over **fifty times the film strength of conventional lubricants**. ProOne's game changing drilling technology is the ultimate answer to Rig Efficiency.

ProOne's primary focus is on the oil & gas and industrial markets where its world renowned performance environmentally-friendly line of products takes lubrication to the next level of performance in the most challenging environments.

- XPL+ Technology has been tested and certified by leading laboratories.
- Blue chip corporations use this advanced lubrication technology to offer bottom-line savings.
- ProOne's game-changing drilling products have been used in over 2,000 wells by leading oil & gas operators in multiple oilfields, proving to reduce torque, drag, reduce NPT, and save money.



XPL+ TECHNOLOGY

XPL+® has a **positively charged molecule structure** with a strong ionic (+) charge which allows it to **bond to metal** even under extreme heat and pressure, giving lubricants formulated with XPL+ unprecedented film strength and extreme pressure protection.

ProOne Downhole Drilling Fluid Treatment has been responsible for producing extraordinary results in horizontal and vertical drilling operations.



ENGINEERED FIELD-PROVEN SOLUTIONS TO DRILLING CHALLENGES

FRICITION REDUCTION TO SOLVE DRILLING PROBLEMS



HIGH TORQUE & DRAG



NPT REDUCTION



MINIMIZE
TWIST OFF RISK



LONG HORIZONTALS



REDUCE
DRILL BIT WEAR



EXCESSIVE TRIPS



TOP DRIVE
OVERHEATING



REDUCE
MUD MOTOR FAILURE



DOGLEGS



LOW ROP



DEVIATED WELLS



STUCK PIPE

FILTRATION CONTROL:

ProOne's advanced shale stabilizers works to ensure a well balanced weight and density for all types of muds, helps with lost circulation events.

OXIDATION REDUCTION:

ProOne is compatible with all API corrosion inhibitors.

PERFORMANCE RESULTS

On a bench cross axis friction machine test, bearings are subjected to pressure from a spinning race.

Using a leading water based mud without XPL+®, the bearing sustains severe damage at only 4,000 pounds per square inch of pressure.

With ProOne's exclusive XPL+ Technology, there is minimal damage at 200,000 per square inch of pressure...**over 50 times the pressure!**

Without XPL+®

With XPL+®



4,000psi



200,000psi



POWERED BY:



TECHNOLOGY

NITRO[®] PLUS DOWNHOLE DRILLING FLUID

THE ULTIMATE GAME CHANGER IN DRILLING LUBRICATION

Formulated with ProOne's **XPL+[®] Technology**, **Nitro Plus[®]** is the next evolution in drilling lubrication technology. It is the proven solution for drilling challenges and well cost savings.

This unmatched technology reduces heat and friction under the most extreme conditions and outperforms the competition even at low concentrations, and is compatible with all drilling fluids.

CHARACTERISTICS:

- **HPHT**
- XPL+[®] Technology withstands high heat (beyond 500°F+)
- Has an unprecedented film strength of over 200,000psi.
- Begins to work the moment it enters the well.

**Nitro turns ordinary muds and fluids into
SUPER MUDS & FLUIDS!**



ProOne#	Size	Case Pack
51055	55 gallon/ 208L Drum	1
51275	275 gallon/ 1,040L Tote	1

BENEFITS OF USE

- Reduces torque and drag
- Increases ROP
- Reduces drill bit wear
- Reduces mud motor failure
- Helps reduce trips
- Drills curves up to 50% faster
- Straighter verticals
- Minimizes twist off risk

DRILLING ISSUES SOLVED

- High torque and drag
- Low ROP
- Excessive trips
- NPT
- Doglegs
- Deviated wells
- Top drive overheating
- Reduce wear in mud motors & pumps

PRODUCT DATA

Core technology	XPL+ [®]
Base oil	Organic/ Mineral Oils
Color	Translucent Brown Fluid
Odor	Mild Petroleum
Ecological impact	Environmentally Friendly
Solubility in water	Complete
LC-50 test (30,000 ppm to pass)	700,000ppm
Temperature range	Performs above 500°F
Flash point	385°F (196°C)
Pour point	-15°F
Specific gravity	.873
pH	N/A
VOC	Nil
Stability	Yes
Health	1
Flammability	1
Reactivity	0
Non-hazardous	Class 60
Oil based mud	Compatible
Water-based mud	Compatible
Brine	Compatible

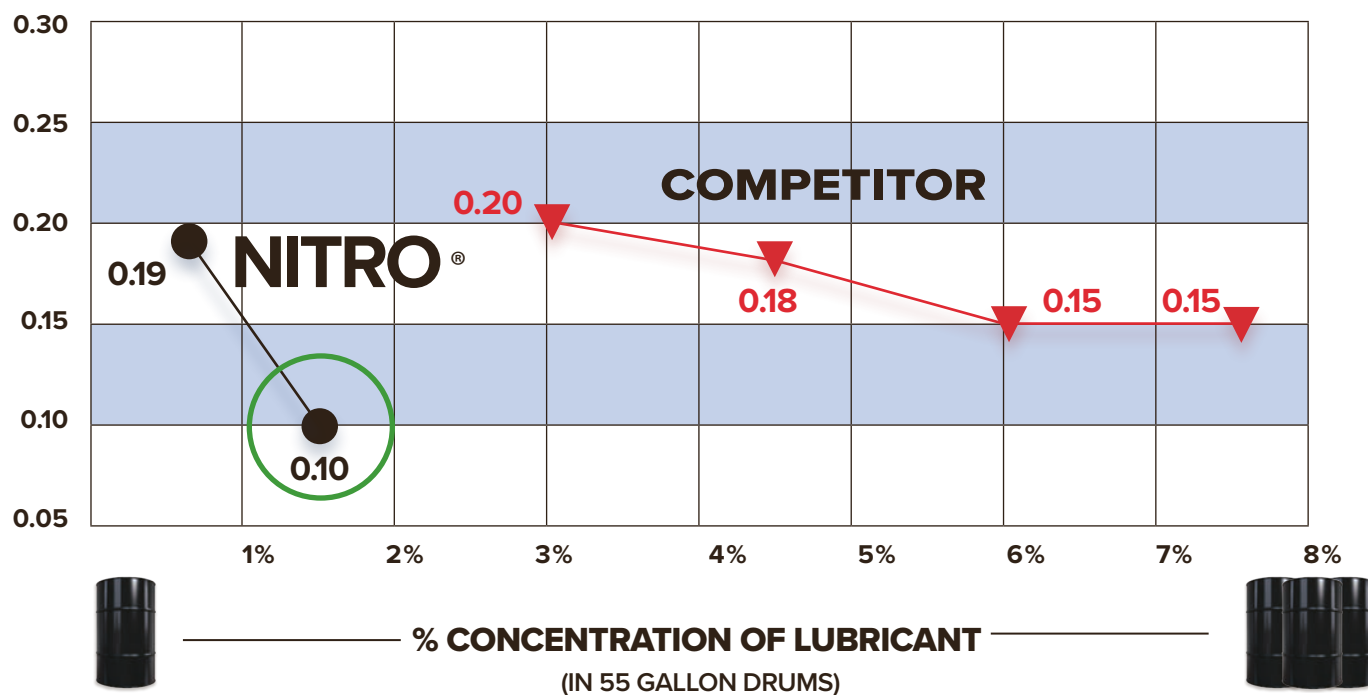
TESTED & PROVEN

WATCH THE LIVE DEMO!



An independent laboratory Dynamic Lubricity test shows that **NITRO PLUS** used at only 1.5% reduces the metal-to-metal coefficient of friction significantly better than a major competitor's product used at 7.5%.

LEM II Computer Controlled Dynamic Lubricity Testing WTC-14-004685 OUTPERFORMS COMPETITION...AT 1.5% VS 7.5%



ENVIRONMENTALLY FRIENDLY

Nitro not only helps reduce drilling costs but also helps operators reduce environmental risks and cleanup costs.

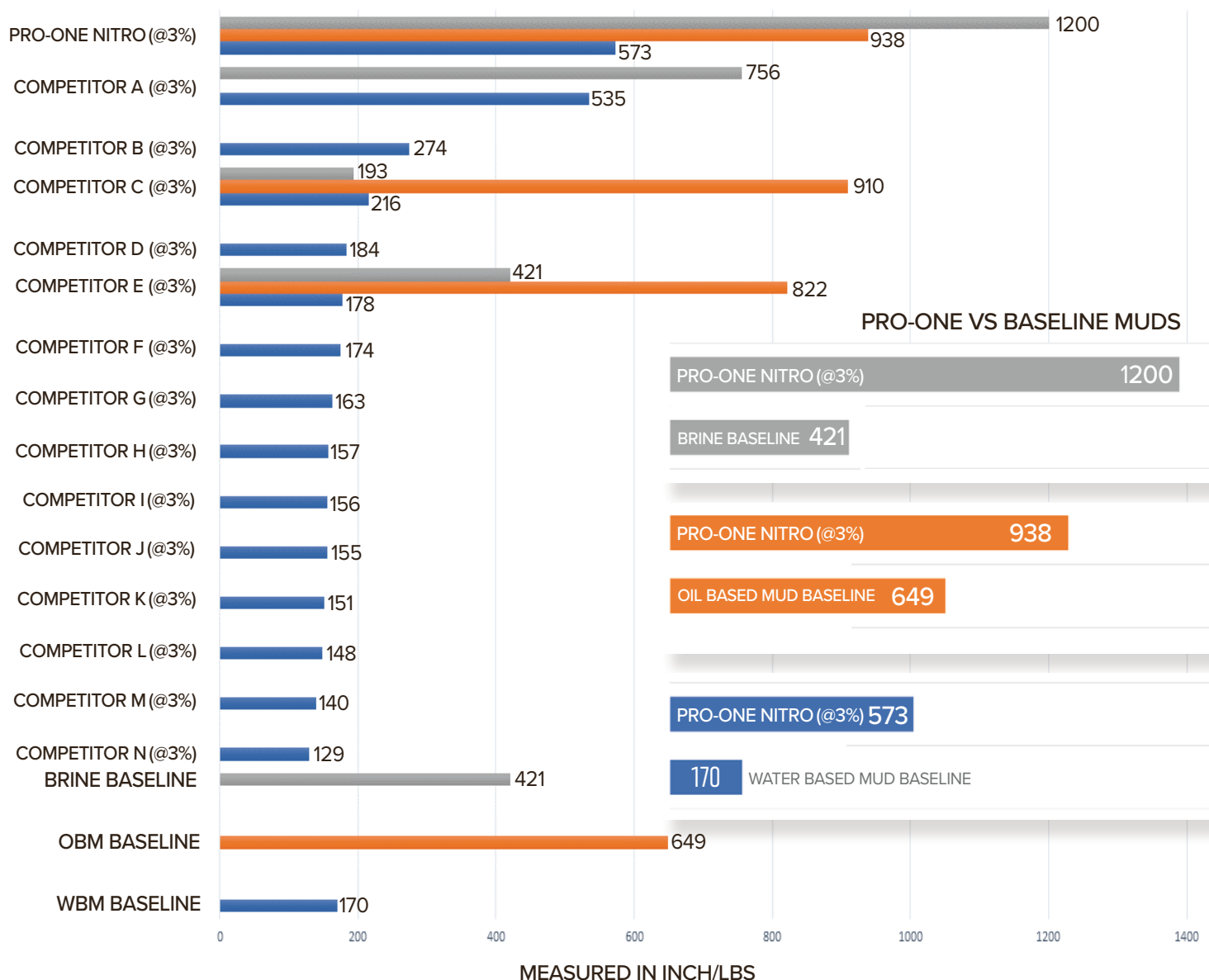
COMPATIBLE WITH:

- WATER BASED MUD
- OIL BASED MUD
- BRINE

Safe for use
by drilling
personnel.

PRO-ONE VS TOP DRILLING FLUIDS

The test was conducted with a mud company who secured 14 competitive lubricants for testing. ProOne went head to head with samples of Water Based, Oil Based, and Brine muds going down the hole today. These tests continue to validate the added benefit and necessity of ProOne XPL+ Technology in rig efficiency and maximum savings.



METHODOLOGY

Using a Triple Cross Axis Friction Machine similar to what is used in laboratories to test film strength of oils and lubricants, an inch-pound torque wrench is used to apply pressure between a tapered roller bearing and a spinning race. The numbered values (measured in inch-lbs) represent the maximum amount of pressure the fluid is able to withstand at point-to-point contact.

RESULTS:

- The addition of **ProOne NITRO PLUS** significantly increases lubricity of Brine (421 to 1200), Water-Based Mud (170 to 573), and Oil-Based Mud (649 to 938).
- Water-Based Mud with **ProOne NITRO PLUS** performs almost as well as Oil-Based Mud (573 vs 649)
- **ProOne NITRO PLUS** outperforms all other competitors on all three fluids .. Brine, Water-Based Mud and Oil-Based Mud.

DRILLING COMBINATION BOOSTS RIG EFFICIENCY

From casing to TD and everything in between, ProOne begins to work the moment it enters the well. Although it can be added at any stage, cost savings begin from spud, exponentially increasing all the way to TD.

\$500,000 - \$1,000,000 +

- Helps Reduce NPT
- Helps Minimize Twist Off Risk
- Help Avoid Hole Collapse
- TD in High Torque Conditions

\$100,000 - \$500,000

- Help Save Mud Motors
- Save Drill Bits
- Drill String Repair
- Hard Banding
- Increase ROP
- Helps Save Trips

\$10,000 - \$100,000

- Help Reduce Pump Wear
- Set Casing Faster
- Slide Liners Faster
- Straighter Verticals
- Reduce Torque



ProOne's time proven lubrication technology ensures dramatic costs savings and higher return.

DIAMOND DUST

FILTRATION CONTROL & SECONDARY LUBRICANT

Powered by



Technology

ProOne DIAMOND DUST combines XPL+ Technology (EP) drilling fluid with the benefits of an asphalt powder. DIAMOND DUST is a mud conditioner that enhances inhibition and stabilization with a thin, tough and slick filter cake and helps wells get to TD faster.

This combination provides the best of both worlds making drilling more efficient and more cost-effective.

DIAMOND DUST essentially replaces or reduces the need for high-pressure lubricants, shale Inhibitors, shale stabilizers, wallcake enhancers, HPHT fluid loss control additives, and sulfonated asphalts.



50 bags per pallet

DESCRIPTION:

- Dark Brown to Black Powder.
- Highly dispersible in water based muds, oil based muds, and brine.

ADVANTAGES:

- Forms a thin, tough and slick filter cake
- Lubricating properties powered by XPL+ Technology
- Enhances inhibition and stabilization
- Superior fluid loss control
- Compatible with all API corrosion inhibitors
- And it's environmentally friendly!

ProOne#	Size	Case Pack
58040	40 lb. bag	1

MIXING REQUIREMENTS

- Use conventional mud hopper system
- Add 1 sack per 8 barrels of drilling fluid over 4-5 circulations for initial “mud-up”

MAINTENANCE REQUIREMENTS

- Daily additions of 1 sack per 8 barrels of drilling fluid suggested

PRODUCT DATA

Core technology	XPL+®
Appearance	Dry granular
Color	Black
Odor	Sulphur
Solubility in water	30% by weight
Relative density	1.6-1.8
Stability	Yes
Health	1
Flammability	1
Reactivity	0
LC 50 (Flounder) 96-hour	>240mg/L
LC 50 (Algae) 72-hour	>240mg/L

FILTERCAKE TEST

Test conducted by a major Permian operator clearly showed Diamond Dust's superior performance against a leading competitor...

BASELINE TEST METHOD

OBM 80/20 with FLR+ at 2.8 lbs. per barrel
HTHP 30 minutes. Standard 500 psi. differential



Observation: Fluid loss on baseline mud was 8.4 ml. @ 30 minutes and 225°F

BASELINE WITH DIAMOND DUST

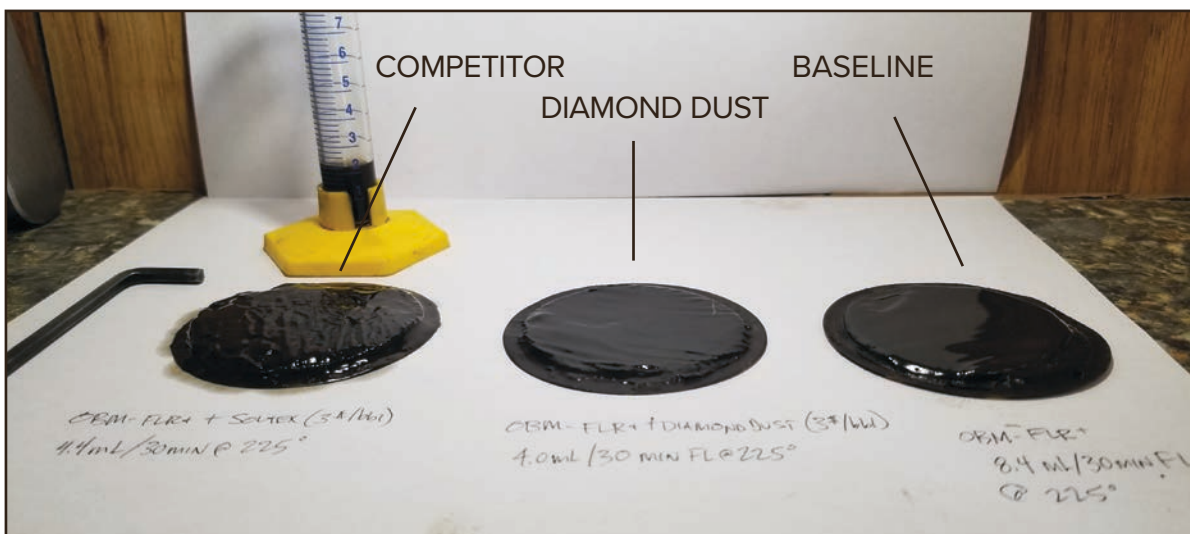
OBM 80/20 with FLR+ at 2.8 lbs. per barrel
Diamond Dust applied @ 3 lbs. per barrel concentration
HTHP 30 minutes. Standard 500 psi. differential



Observation: Fluid loss with Diamond Dust was only 4.0 ml. @ 30 minutes/225°F and the filter press was thinner.

DIAMOND DUST VS MAJOR COMPETITOR

Below: Competitor was also tested under the same conditions.



Observation: Fluid loss with Competitor was 4.4 ml. Filter press is thicker.

“In five decades looking at just about every lubricant product on the market, I have never seen anything like ProOne’s XPL+ Technology.”

- Major Operator/ Texas

BIO-STABLE

DRILLING FLUID LUBRICANT

Powered by



Technology

EPA APPROVED FOR OFFSHORE USE BIODEGRADABLE DRILLING FLUID

ProOne’s **BIO-STABLE Drilling Fluid Lubricant** is formulated with ProOne’s powerful XPL+ lubrication technology. It is designed to reduce heat and friction under the most extreme conditions and has been proven to offer extraordinary results in horizontal and vertical drilling operations.

BIO-STABLE can be used in oil-based mud, water-based mud, brine, and is safe for offshore use.



ADVANTAGES:

- Increases lubricity
- Improves ROP
- Easier steering and sliding
- Less corrosion and wear
- Saves mud pumps and mud motors
- Extends drill bit life

ProOne#	Size	Case Pack
23005	5 gallon/ 18.9L Pail	1
23055	55 gallon/ 208L Drum	1
23275	275 gallon/ 1,040L Tote	1

DRILLING ISSUES SOLVED

- High torque and drag
- Low ROP
- Excessive trips
- Doglegs & micro doglegs
- Deviated wells
- Top drive overheating
- Going through mud motors & pumps
- Chopped holes
- Spiraled holes

MIXING REQUIREMENTS

- Introduce at a ratio of 5% to the volume through slug pit concentration, then treat at 1-3% as needed.

PRODUCT DATA:

Core technology	XPL+®
Base oil	Plant based
Color	Clear amber
Odor	Mild
ph	8.7
Solubility in water	Complete
Relative density	0.97
Temperature range	(-14°F to 500°F+)
Stability	Yes
Health	1
Flammability	1
Reactivity	2
Oil based mud	Compatible
Water-based mud	Compatible
Brine	Compatible
OECD 301B	Ultimate biodegradable
LC-50 Test @3% Pass	464,800ppm (30,000 to pass)
LC-50 Test @5% Pass	239,100ppm (30,000 to pass)
Fathead minnow 96-hour	96-hour =>750 ml/L - Passed

MAJOR OPERATOR - SHAFTER, CA

A deep, highly deviated well was being drilled with a 12.8 ppg clay-based mud system. High and erratic torque and drag levels were encountered while drilling 6/18 " hole below 12,500', with a well deviation of over 87°. Projected TD was 13,000', and the rig top drive capacity was rated at 9,500 ft.-lbs. with the existing drill pipe.

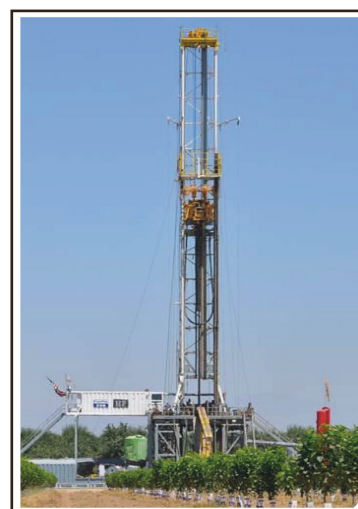
A desire was expressed to attempt to extend the total depth of the well an additional 500', to 13,500'. At the same time, while drilling below 12,500' (about 500' from the initially projected TD) torque and drag in this highly directional well were becoming excessive and wildly variable, potentially limiting the ability of the rig to obtain the desired TD with current conditions.

DATE/TIME	DEPTH	TORQUE (ft.lbs.)	DRAG (#, PUMP OFF)	DRAG (#, PUMP ON)
7/31 - 4:30pm	12,300'	7,200		
7/31 - 6:00pm	12,340'	8,500		
7/31 - 6:30pm	12,400'	8,600	65,000	
7/31 - 7:30pm	12,450'	7,500	74,000	57,000
7/31 - 8:30pm	12,500'	7,700	66,000	28,000
7/31 - 9:30pm	12,550'	7,400 - 7,800		
7/31 - 10:30pm	12,600'	7,800 - 8,800	76,000	
7/31 - 11:00pm	12,650'	8,500 - 8,900	75,000	30,000
7/31 - 12:30am	12,700'	8,000 - 8,500	84,000	
PRO-ONE ADDED				
8/1 - 1:30am	12,750'	7,000		
8/1 - 3:00am	12,800'	7,200 - 8,000	50,000	16,000
8/1 - 4:00am	12,835' (TRIP)	6,000 - 6,600	50,000	14,000
8/2 - 10:00am	12,850'	5,800 - 6,400		
8/2 - 11:15am	12,900'	6,200 - 6,700		
8/2 - 12:30am	12,950'	6,800	50,000	12,000
8/2 - 2:00pm	12,988'	6,800	19,000	9,000

DIRECT RESULTS

1. ProOne reduced torque from 8,500 ft. lbs. to 6,000 ft. lbs. (a direct reduction of 29%)
2. ProOne reduced drag from 84,000 lbs. to 50,000 lbs (direct reduction of 40%)
3. ProOne reduced circulating drag from 30,000 lbs. to 12,000 lbs. (direct reduction of 60%)

The addition of ProOne DHDF reduced torque and drag immediately and significantly. The enhanced lubricity provided by ProOne DHDF extended rig capacity on this well, supporting the desire to deepen the well and additional 500', and possibly further.



MAJOR OPERATOR - CANADIAN, TEXAS

"We would not have been able to complete this well without ProOne." - Company Man

DIRECT RESULTS:

- Prior to adding ProOne, torque was maxed out at 15,500 ft./lbs.
- ProOne reduced torque 37% from 15,500 ft./lbs. to 9,700 ft./lbs.
- ProOne increased ROP 12% from 22.75 fph to 25.50 fph.
- Reduced drill curve time from 64 to 30 hours
- Operator reached TD with ProOne

2 trip outs @ 60,000 each	\$120,000
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2 drill bits @ \$15,500 each	\$31,000
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Reduced drill curve time	\$85,000
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34 Hours Faster (64 to 30 hours) @ \$2,500 per hour

ROP @ curve to TD 4,437 ft. @ 25.50 fph	\$52,500
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(Increase of ROP 12% Savings 21 hours x \$2,500)

No hard-banding needed!	\$12,047
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(Magnets Stayed Clean)

GROSS SAVINGS	\$300,547
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MAJOR OPERATOR - EDDY, NEW MEXICO

Longest Lateral in New Mexico History at the time. - 19,770 ft.

"In 25 years in the oilfield, I have never seen anything like ProOne. We noticed a significant torque reduction and increase in ROP" - Company Man

DIRECT RESULTS:

- Torque reduced by 50% (maxed out from 30,000 ft./lbs. to 15,000 ft./lbs.)
- ROP increased by 28% (from 41 fph to 57.5 fph)



MAJOR OPERATOR - ALICE, NEW MEXICO

Longest Lateral for Drilling Company at Location - 20,300 ft. TD

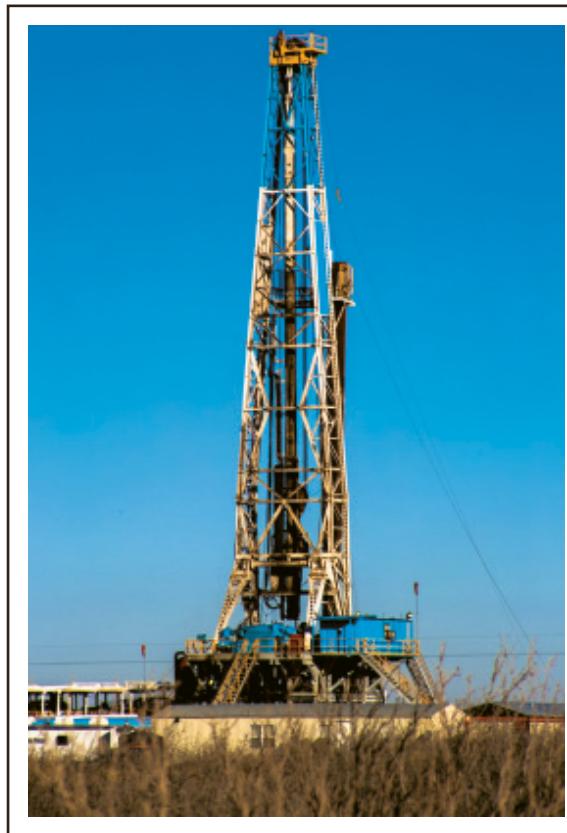
Company experienced significant lubricity issues on formation and used 18 totes of competitor lubricant from EOC to 13,280 ft. without any results.

OVERVIEW:

- Nitro introduced at 13,280 ft.
- Applied at 0.75% on first tote
- Added at 2.5gpm of mud pump volume of 610gpm for remainder of 12,290 ft. lateral and reached TD.

DIRECT RESULTS:

Torque never exceeded 28,000 ft./lbs. (operated between 26k to 28k)
At EOC (end of curve) rig was right on AFE (authority for expenditure)
Maintained ROP of 1630 ft. per day putting rig 2 days ahead of schedule
Well TD'd at 22,300ft.



MAJOR OPERATOR - LAREDO, TEXAS



"Stuck drill string at 11,400ft. Leading spotting fluid was unsuccessful in recovery. After four sweeps of ProOne the string was extracted from the hole...amazing!"

- Company Man

MAJOR OPERATOR - BAKKEN, ND



"Saved 4 to 6 days at \$90,000 per day over previous 3 holes drilled using a different lube."

- Company Man

MAJOR OPERATOR - JAL, NEW MEXICO



"Could not set casing for 24 hours. ProOne was used in 2 to 8 barrel sweeps. After the 4th drum, the casing fell to the bottom. ProOne saved us \$250,000 and 4-5 days drilling. "

- Company Man

MAJOR OPERATOR - PECOS, TEXAS



"Reduced torque by 44%, cut the curve in 17 hours vs 22 saving us \$49,583"

- Company Man

CoilPro™

PIPE ON PIPE TREATMENT



Powered By



Technology

CoilPro Pipe on Pipe Treatment is the next evolution in coil tubing lubrication. Powered by ProOne's exclusive XPL+ this positively charged molecule structure bonds to metal, optimizing lubrication.

It has a film strength 50 times more powerful than conventional pipe lubricants, withstanding more than 200,000 psi of pressure! This reduces the coefficient of friction between the coil tubing and casing.

In addition CoilPro added to the Pump Liner Wash System will dramatically increase pump performance, extend the life of pistons, liners, swabs and springs by up to 60%!



"Previously used another lube but I've never seen a POP perform like ProOne. We cleared all the plugs and it made a huge difference in our bottom line!" - Major Operator/ Bakken

ADVANTAGES:

- Attracted to Hot Spots
- Withstands High Heat (beyond 600°F)
- Reduces Pipe on Pipe Friction
- Unprecedented Film Strength (over 200,000psi)
- Water Dispersible
- Helps Increase WOB
- Environmentally Friendly
- Personnel Friendly - Non-Toxic

TREATMENT:

- Standard Usage - 1 gallon per 1,000 gallons
- Deviated Well - 2 gallons per 1,000 gallons

BENEFITS OF USE:

- Mill frac-plugs
- Lubricates the entire casing and CT BHA thereby increasing lateral reach

ProOne#	Size	Case Pack
50005	5 gallon/18.9L	1
50055	55 gallon drum/208L	1
50275	275 gallon/ 1,040L Tote	1

RustPro™

RUST & CORROSION INHIBITOR

ProOne Lubricants offers Rust Pro™ Rust Inhibitor capable of providing up to 5 years protection in indoor storage and 2-3 years protection outdoors. For carbon steel or any exposed metal or painted surface in high-salt environments.

Proven and used by major oil & gas companies for their stack-out programs and pipe protection.

Rust Pro is an oil-dispersed, thixotropic, all-purpose rust preventive formulated to provide unsurpassed long-term protection against rust and oxidation.

Because of its thixotropic characteristics, Rust Pro has the ability to become fluid with agitation enabling the residual film to be self-healing.

KEY PERFORMANCE BENEFITS:

- Long-term protection for ferrous and nonferrous parts for up to 5 years indoors and 2-3 years outdoors.
- Can be sprayed or brushed for even coating of the surfaces.
- Once on the surface of the part, Rust Pro becomes semi solid reducing drips and runoff.
- Superior clean-ability – it can be easily removed with an alkaline cleaner.

USE RUST PRO:

- On parts exposed to salt spray environments.
- When parts will be subjected to long term storage or transportation.
- When maximum protection is required against corrosion.

APPLICATION:

Apply undiluted for maximum protection. The product can be applied by airless spray or dip. Target application film thickness is 2ml. When dipping, the tank should be agitated so that the product becomes fluid and completely coats all surfaces.

- Airless sprayer - 450 sq. ft. per gallon
- Paint roller - 600 sq. ft. per gallon
- Brush - 650 sq. ft. per gallon



UNTREATED

TREATED



ProOne vs The Environment

PRODUCT DATA

Appearance of fluid	Blue Translucent Semi Solid
Odor	Trace of Petroleum
Viscosity cSt @40°C	Semi Solid
Pour Point	150°F
Specific Gravity	.880 - .992 / 7.5

ProOne#	Size	Case Pack
41001	1 gallon/3.78L	4
41005	5 gallon/18.9L	1
41055	55 gallon/208L	1

HP3 FRAC VALVE GREASE/SEALANT

EXTREME CHEMICAL & HIGH-PRESSURE HYDROLYTIC RESISTANCE

ProOne's Frac Valve Grease/Sealant HP-3 is the next evolution in grease technology for valves used in hydraulic fracturing for oil and natural gas well completions and applications where water and chemical resistance is critical.

HIGHLY RESISTANT TO HVFRs, H₂S, SOUR GAS, ACIDS AND BRINE WATER.

Formulated with the toughest additive packs to protect against frac fluids, biocides, acids, H₂S & CO₂, salt water, HVFR's and other contaminants. Outstanding rust & corrosion resistance.

WITHSTANDS 15,000 PSI HYDROSTATIC PRESSURE

With water washout at only 11%, the product displays tremendous resistance against erosion by both fresh and brine water.

TRUE #3 ALUMINUM COMPLEX FOR MAXIMUM ADHESION

Designed to bond to the metal and form a layer of protection to eliminate welding and scoring from shock loading. Outstanding rust & corrosion resistance.

WIDE TEMPERATURE RANGE

Aluminum complex thickener system is designed to handle extreme operating temperatures of 15°F - 400°F. Ideal for extreme thermal/oxidative environments.

TYPICAL PROPERTIES

TEST METHOD	PPL FRAC VALVE GREASE & SEALANT
NLGI Grade	3
Thickener Type	Aluminum Complex
Color	Black
Four-Ball Coefficient of Friction (COF)	0.09
Operating Temperature	+15°F to +400°F
ASTM D-217 Worked Penetration, 60 strokes at 25°C	220-250
ASTM D-2596 Four-Ball Extreme Pressure, Weld Load, kg	500
ASTM D-2266 Four-Ball Wear Test, mm	0.60
ASTM D-2265 Dropping Point, °F	>500
ASTM D-4049 Water Spray-off Removed	11%



FOR TECHNICAL DATA SHEET
TAKE PHOTO



FEATURES & BENEFITS:

- Resists HVFR
- Hydrocarbon compatible
- Frac chemical and acid resistant
- Extreme water washout performance
- Prevents leaks and reduces consumption
- Slows the wear process
- Extends service intervals and equipment life
- Very good sealing capability

NGEO

NATURAL GAS ENGINE OILS

Exceptionally high-performance oils with specialty additive packages and ProOne's proprietary **XPL+ Technology**. Proven to provide incomparable TAN performance and TBN retention for better operating efficiencies and cost control.



PREMIUM

Exceptional NGE0 for standard operations



PERFORMANCE

25-35% increase in oil drain intervals



PERFORMANCE +

50-100% increase in oil drain intervals

ASH CONTENT

Designed with a minimum ash content that eliminates the concern of spark plug fouling, engine deposits, and valve seat recession.

DRAIN INTERVALS

Formulated with **XPL+ Lubrication Technology**, it provides **LONGER DRAIN INTERVALS**.

FOR
TECHNICAL DATA SHEET
TAKE PHOTO



TYPICAL PROPERTIES

NAME	ProOne NGE0	ProOne NGE0	ProOne NGE0
Viscosity Grade	SAE 40	SAE 40	SAE 40
	PREMIUM	PERFORMANCE	PERFORMANCE PLUS
Formulation (%wt)			
Chemical & Physical			
D445_40 cSt	127.6	129.4	130.5
D445_100 cSt	13.5	13.9	13.9
Viscosity Index	101	104	103
TBN (D2896)	5.1	5.5	6.0
% Sulfated Ash	0.5	0.5	0.5
%w Calcium	0.123	0.122	0.122
%w Phosphorus	0.031	0.029	0.030
%w Zinc	0.034	0.030	0.032
Flash Point (D92), °C	-	252	254
Pour Point, °C	-	-	-21

MEETS & EXCEEDS SPECS FOR:

- Cummins
- MWM
- Mann
- Dresser Rand
- Guascor
- Wartsila 4T
- Caterpillar

APPROVED FOR:

- Waukesha
- Jenbacher

INDUSTRIAL GEAR OILS

WORLD CLASS MICRO-PITTING PROTECTION



ProOne has developed **THREE LINES** of extraordinary industrial gear oils.

SUPERIOR | PREMIUM | SYNTHETIC

The **IGO Series Gear Oils** are fortified with **XPL+ Extreme Pressure Technology** and unique next-generation additives that provide the best **Micro-Pitting protection** available on the market. Outstanding protection from metal fatigue due to high loads, shock or intermittent maximum loads.

These gear oils are developed for the extreme conditions found in **oil & gas, mining and other industrial applications**.

DESIGNED FOR HEAVY DUTY:

- Spur Gears
- Helical Gears
- Herringbone Gears
- Bevel Gears
- Worm Gears
- Hypoid Gears
- Annular Gears

FEATURES & BENEFITS:

- Super high-film strength
- Designed for severe applications with high loads
- Low to high RPM use
- Dramatically reduces friction, heat & wear
- Thermal stability over wide temperature range
- Provides oxidation stability
- Rust & corrosion inhibitor
- Compatible with seals and gaskets
- Eliminates gear housing chatter
- Foam resistant



Base oils meet specifications demanded by equipment manufacturers. Scan QR codes for details.



SUPERIOR SERIES

ProOne Superior IGO Series are formulated with high quality Group II base oils and fortified with **XPL+® Technology** to provide exceptional Extreme Pressure performance.

These gear oils are designed to prolong the life of gear boxes by providing protection from high loads which cause metal fatigue.



Take Photo for
Technical
Specification
Sheet

AVAILABLE IN:

5 GALLON PAILS / 55 GALLON DRUMS/ 330 GALLON TOTE
ISO 100 - ISO 150 - ISO 220 - ISO 320 - ISO 460



PREMIUM SERIES

ProOne Premium IGO Series are fortified with **XPL+® Extreme Pressure Lubrication** technology and unique next-generation additives that provide the best Micro-Pitting protection available on the market. Outstanding protection from metal fatigue due to high loads, shock or intermittent maximum loads.

Exceeds all mineral oil based, major brand products on the FE-8 D51819 Bearing Test and the FVA54 Micro-Pitting Test. Available with Low Traction energy efficient formula.



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Technical
Specification
Sheet

AVAILABLE IN:

5 GALLON PAILS / 55 GALLON DRUMS/ 330 GALLON TOTE
ISO 100 - ISO 150 - ISO 220 - ISO 320 - ISO 460



SYNTHETIC SERIES

ProOne Synthetic IGO Series use the highest quality synthetic base oil formulated with **XPL+® Extreme Pressure Lubrication Technology** and unique next-generation additives that provide the best Micro-Pitting protection available on the market.

Exceeds major brand products on both the FE-8 D51819 Bearing and the FVA54 Micro-Pitting tests! Includes Low Traction energy efficient additives.



Take Photo for
Technical
Specification
Sheet

AVAILABLE IN:

5 GALLON PAILS / 55 GALLON DRUMS/ 330 GALLON TOTE
ISO 150 - ISO 220 - ISO 320 - ISO 460

PACKING OIL

Powered By



Technology

ProOne Fluid End Packing Oil is engineered with **XPL+® Lubrication Technology** to deliver unmatched protection and operating efficiencies to today's high demand fluid ends. Packing Oil is designed to withstand the higher pressures operating temperatures, washout, friction, and sand abrasion along with extreme oilfield conditions & long high-load run times.

The benefit of using positively charged lubricants is the strong attraction to negatively (-) charged metal surfaces which form a powerful, polarized, thin-film bond of lubricant barrier technology differentiated from all other oils.

Packing Oil was designed and engineered specifically for hydraulic fracturing fluid end application to add more longevity to plungers, packing, and liners on tri-plex and quintuplex positive displacement reciprocating pumps.

APPLICATION:

- Engineered specifically for fracturing applications
- Heavy duty innovative lubrication technology
- Highly recommended to improve equipment life, improve operating costs, and reduce downtime

ADVANTAGES:

- High friction reduction
- Resists thermal degradation
- Repels & displaces moisture
- Travels in packing effectively
- Extends packing life substantially
- Works better as temperature increases
- Saturates and conditions seals/rings
- Prevents oxidation & corrosion
- Resists damage from abrasives



BASE OIL TECHNICAL DATA

Characteristic (SAE Grade)	90W
cSt @ 40°C (104°F) ASTM D-445	212
cSt @ 100°C (212°F) ASTM D-445	15.0
Viscosity Index (ASTM D-2270)	58
Flash Point, °C (ASTM D-92)	234°C (453°F)
Pour Point °C (ASTM D-2270)	-25°C

BASE OIL MEETS FOLLOWING SPECIFICATIONS:

- API Service GL-2, GL-3, GL-4, GL-5
- ZF TE-ML 05C, 12C, 16E, 21C

WIREGLIDE®

WIRELINE LUBRICANT



Formulated with XPL+ Technology, **ProOne WireGlide** bonds to metal and has a high load carrying capability (over 200,000psi of pressure) extending wire rope life.

It penetrates to the core and reduces friction between individual strands which also insulates wire from EMF, and gives signal and tool protection.

It is ultimately the most superior lubrication technology of its kind able to withstand extreme low and high temperatures. It is resistant against abrasive elements, corrosion/oxidation and helps prevents breakage.



ADVANTAGES:

- Penetrates and bonds to the wire core
- Heavy load carrying capability
- Extreme high temperature range beyond 500°F
- Extreme low temperature range -40°F
- Water resistant/ displaces moisture
- Superior oxidation and corrosion resistance
- Non-Conductive

TREATMENT:

- Use as needed

BENEFITS OF USE:

- Unparalleled protection against seizure and breakage
- Exceptional pumpability
- Maximize equipment life
- Reduces power consumption
- Earth friendly

ProOne#	Size	Case Pack
52035	35 lb./15.9 kg Pail	1
52120	120 lb./54.4 kg Keg	1
52400	400 lb. drum/181.kg	1

RIG MAINTENANCE

TO REDUCE DOWNTIME AND MAINTENANCE COSTS

ProOne's lubrication arsenal extends to all rig level drilling applications. ProOne products are specifically designed to provide the **best protection and performance**, **solve lubrication and fuel problems**, **reduce downtime, NPT**, and **allow equipment to operate safely and efficiently**.



MUD PUMPS



CROWN BLOCKS



BULL GEARS



DRAW WORKS



DIESEL GENERATORS



TOP DRIVE



PUMP LINER



BEARINGS

MUD PUMPS

CROWN BLOCKS

BEARINGS | SHAFTS | PINS | BULL GEARS

EP-2

INDUSTRIAL GRADE GREASE

EXTREME PRESSURE PERFORMANCE
FROM -40°F TO 615°F!

ADVANTAGES

- Extreme load carrying capability
- Protects liners, tensioners, pistons, seals, and guides
- Withstands extreme high temperature
- Excellent water washout protection

- All grease zerks
- Chain couplings
- Crown blocks
- Pipe dope - drill pipes/collars

- Pillow blocks
- Sliding control rods
- Rotating brake shafts
- Spline shaft adapter cavities

- Swivel bearings
- Packing sets
- Centrifugal pump seals
- Kelly bushing rollers



ProOne#	Size	Case Pack
46014	14 oz./ 397g Cartridge	12
46035	35 lb./ 15.9 kg Pail	1
46120	120 lb./ 54.4 kg Keg	1
46400	400 lb./ 181.4 kg Drum	1

SEE IT LIVE!
GET READY TO BELIEVE!



75W WEIGHT GEAR OIL AND ABOVE

ProOne#	Size	Case Pack
27005	5 gallon/18.9L Pail	1
27055	55 gallon/208L Drum	1
27275	275 gallon/ 1040L Tote	1

GEARBOXES

HIGH PERFORMANCE
GEAR OILS
EXTREME PRESSURE PERFORMANCE
OVER 200,000PSI OF FILM STRENGTH!

ADVANTAGES

- Dramatically reduces wear on pumps
- Superior load carrying capacity for bull gears
- Superior corrosion resistance



75W WEIGHT GEAR OIL AND BELOW

ProOne#	Size	Case Pack
12001	1 gallon/3.785L	4
12005	5 gallon/18.9L Pail	1
12055	55 gallon/208L Drum	1

DIESEL GENERATORS

ENGINE PROTECTION | FUEL OPTIMIZATION

Major Drilling Operator - Texas/ 28 Day Operation

11.18% Fuel Savings. 221 Gallons of fuel less per day.

TOTAL SAVED PER MONTH - \$17,111 using **Fuel Maximizer**



ULTRA-CONCENTRATED HEAVY DUTY OIL STABILIZER

PROTECTS & FORTIFIES
AT ONLY HALF THE DOSE! - 10% BY VOLUME!

This **ultra concentrated high performance heavy-duty formula** is designed to fortify your oil to provide extra protection and enhance the performance of your **engine or gearbox** at only half the dosage!

(10% by volume versus 20% required for competitive products.)

It is formulated with **XPL+ Technology** which is **50 Times More Powerful** able to withstand 200,000psi of extreme pressure vs other oil stabilizers at only 4,000psi.

The **Ultra Concentrated Heavy Duty Oil Stabilizer** also provides exceptional results in engines that are burning, leaking, or using oil.



ADVANTAGES

- Extreme pressure protection
- High heat protection for **TURBO'S!**
- Slows oil burning & oil leaks
- Helps restore compression
- Improves performance
- Extends engine life
- Extends oil change intervals 25% to 50%



**DOES NOT CONTAIN SOLIDS OR HARMFUL
SOLVENTS LIKE CHLORINE**



**WITNESS
THE POWER!**

ProOne#	Size	Case Pack
13032	32oz/946mL	6
13001	1 gal/3.785L	4
13005	5 gal Pail/18.9L	1
13055	55 gallon/208L drum	1



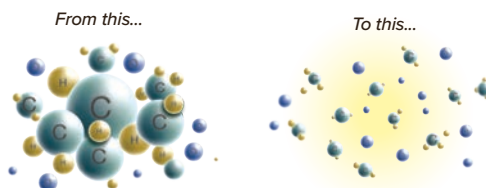
FUEL MAXIMIZER

CONCENTRATED FUEL CONDITIONER

**BREAKS HARD TO BURN PARTICULATES
LIBERATING FUEL'S CHEMICAL ENERGY!**

ADVANTAGES

- Helps reduce fuel consumption
- Virtually eliminates opacity
- Reduces ash formation
- Adds lubricity to fuels
- Prevents carbon build-up
- Cleans fuel system and injectors
- Improves engine performance



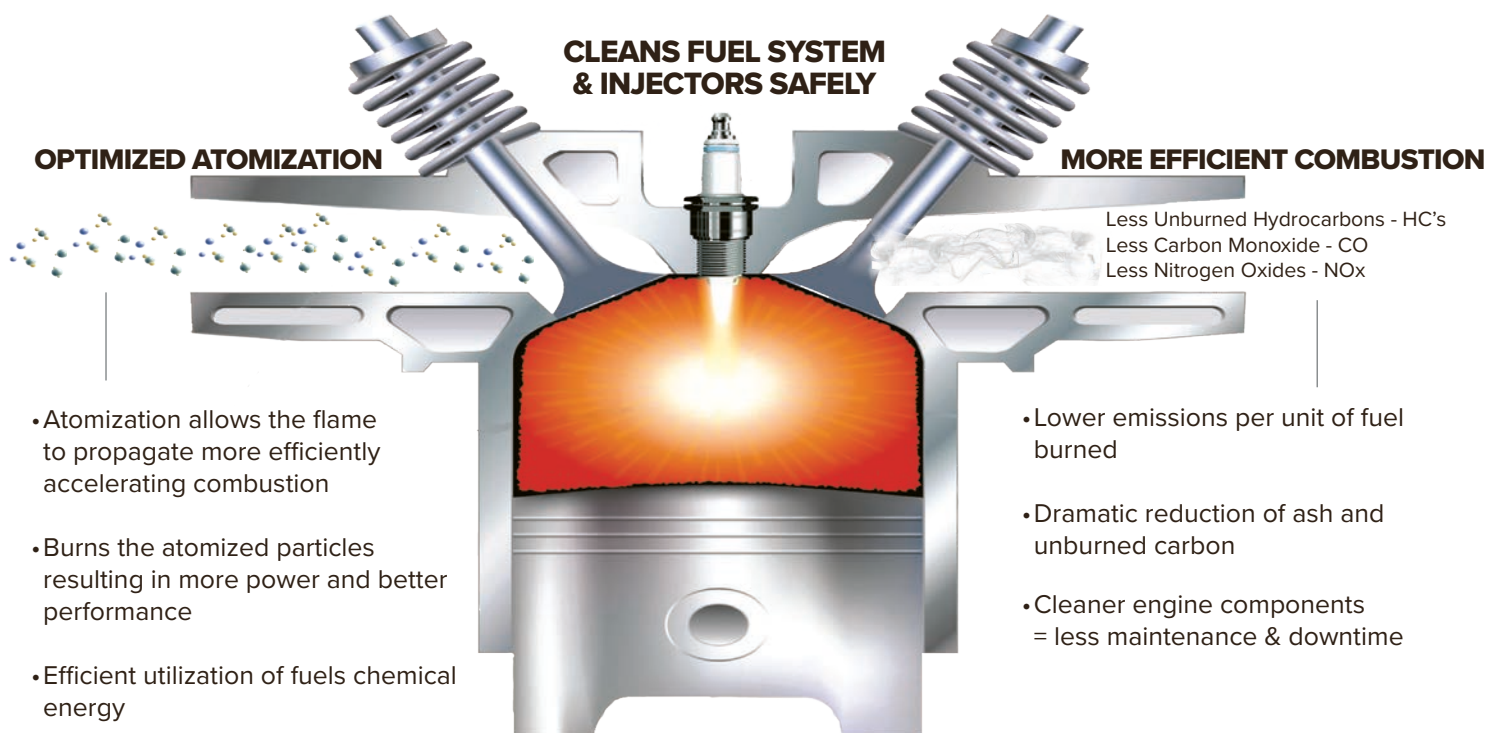
More Power, Save Fuel, Cleaner Engine!

50-gallon Tablets Packed 4/Pouch

ProOne#	Liquid	Case Pack
32001	1 Gallon/3.78L	4
32055	55 Gallon Drum /208L	1

ProOne#	50-gallon 4 Tablets/Pouch	Case Pack
32050-SP	Sample Pack (25pk)	1
32050-BULK	Bulk (100pk)	1

HOW IT WORKS IN YOUR EQUIPMENT



Will reduce NOx which will reduce the use of DEF (diesel emission fuel) by 25% to 50% and more.

DRAW WORKS WIRE

FRICTION REDUCTION | CORROSION RESISTANT

XPL-101 PENETRATING LUBRICANT

BEST PENETRATING SPRAY ON THE MARKET!

No other penetrating lubricant offers **XPL-101® Lubrication Technology** which protects metal surfaces from heat, friction, moisture and the elements, and easily loosens rusted or sticky mechanisms.

We guarantee that once you use this powerful **environmentally friendly** formula you will never settle for anything else.

MULTIPLE USES!

- Kelly pins
- Open chains
- Sprocket
- Pull down chains
- Pivot pins
- Tongs
- Mast hinge
- Cylinder pins
- Screw jacks
- Brake band pins
- Nuts & bolts
- Latches
- Rollers
- Electrical
- Fasteners
- Bearings

[WATCH THE LIVE DEMO!](#)



ProOne#	Size	Case Pack
40012	11.5 oz./ 326g Aerosol	12
40001	1 Gallon/ 3.785L	4
40055	55 Gallon/ 208L Drum	1



COILPRO ADVANTAGES

- Added @ 32oz every other day
- Increase pump performance
- Extend life of pistons, liners, swabs, and springs by 60%

ProOne#	Size	Case Pack
50005	5 gallon/18.9L	1
50275	275 gallon/ 1,040L Tote	1



TOP DRIVE SYSTEM GEARBOX | HYDRAULIC

FRICTION REDUCTION | HIGH TEMP/ HIGH LOAD



SUPER DUTY TOP DRIVE GEAR OIL

TOP DRIVES WITH ELECTRIC DRIVEN GEAR BOXES

- Built for extreme pressure loads
- Reduces shear gear wear and temperature
- Extends fluid life and reduces downtime failures
- Displaces moisture to reduce corrosion, pitting and oxidation

ProOne#	Size	Case Pack
27275	5 Gallon Pail/ 18.92L	1
27055	55 Gallon Drum / 208L	1
27275	275 Gallon Tote/ 1040L	1



HYDRAULIC TREATMENT

REDUCES HAMMERING, WATER &
MOISTURE, EXTENDS EQUIPMENT LIFE



DILUTION RATIOS:

- Hydraulic Systems: 10% by volume

HYDRAULIC TOP DRIVES/ HYDRAULIC SYSTEMS

- Lowers friction and operating temperatures
- Superior load carrying capacity
- Superior corrosion and water resistance
- Reduces oxidation, extends hydraulic system and fluid life

ProOne#	Size	Case Pack
22001	1 gallon/3.785L	4
22005	5 gallon/ 18.9L Pail	1
22055	55 gallon/ 208L Drum	1



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