



POWERED BY:

TECHNOLOGY

# NITRO<sup>®</sup> DOWNHOLE DRILLING FLUID

## THE ULTIMATE GAME CHANGER IN DRILLING LUBRICATION

Formulated with ProOne's XPL+<sup>®</sup> Technology, **Nitro<sup>®</sup>** 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:

- XPL+<sup>®</sup> 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 fluids into **SUPER FLUIDS!** When it comes to performance and maximizing well cost savings, ProOne knows the drill.



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

### BENEFITS OF USE

- Reduces torque
- Increases ROP
- Reduce drill bit wear
- Reduce 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
- Doglegs
- Top drive overheating
- Reduce wear in mud motors & pumps

### PRODUCT DATA

Core technology	XPL+ <sup>®</sup>
Base oil	Plant based
Color	Amber
Odor	Mild
Ecological impact	Biodegradable
Solubility in water	Complete
LC-50 test (30,000 ppm to pass)	719,300ppm
Temperature range	(-14°F to 500°F+)
Flash point	400°F (204°C)
Pour point	-14°F
Specific gravity	0.93 @ 60°F (15.6°C)
pH	7.1
VOC	Nil
Stability	Yes
Health	1
Flammability	1
Reactivity	0
Non-hazardous	Class 60
Oil based mud	Compatible
Water-based mud	Compatible
Brine	Compatible