EVOLUBE XRD

Push boundaries with confidence

Our advanced lubricant technology minimizes torque and drag, enabling superior penetration rates in water-based fluids and $CaCl_2$ brines—even in the most challenging well profiles.

EvoLube XRD: Engineered for peak drilling performance

When drilling performance matters, EvoLube XRD delivers. Specifically designed for fresh-water fluids and divalent brines, this advanced lubricant sets a new standard for friction reduction and keeping your drilling program on track. Whether you're drilling in the Permian, Eagle Ford, or Haynesville, EvoLube XRD ensures smoother runs, reduced torque, and optimized wellbore conditions for directional and extended-reach wells.

Unmatched penetration rates and friction reduction

Operators demand results—and EvoLube XRD delivers exceptional penetration rates compared to competing lubricants. Additions of EvoLube XRD have shown to reduce the CoF by 95% in freshwater fluids and 78% in divalent brines. EvoLube XRD provides the lubricity advantage needed to improve ROPs and minimize costly downtime.

Optimized dosing for cost control

Efficiency isn't just about speed—it's about smart economics. Newpark's controlled dosing system ensures precise treatment levels, reducing waste and lowering overall fluid costs. This means operators can achieve peak performance without overspending, making EvoLube XRD the cost-effective choice for today's competitive drilling programs.

DESIGNED FOR:

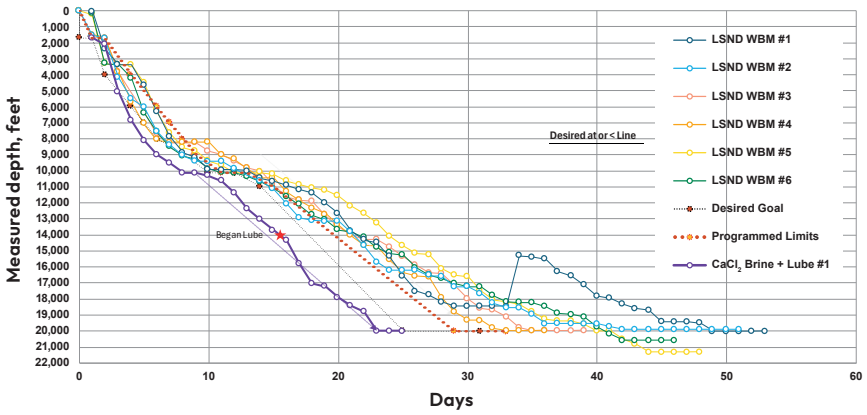
- Fresh-water fluids
- Divalent brines

ADVANTAGES:

- Exceptional penetration rates vs competing lubricants
- Provided a CoF reduction of 95% in FW fluids
- Provided a CoF reduction of 78% in $CaCl_2$ brines
- Controlled dosing optimizes treatment and reduces costs

Field Trial in East Texas

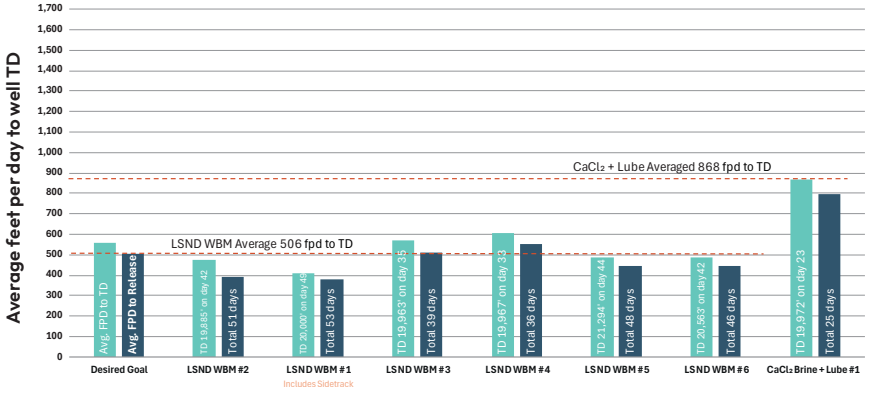
Days vs Measured Depth



Note:

- Well was drilled in 25 days vs average of 45.6 days. This is 45% below the average.
- The production interval was drilled in less than half the average time (16 days vs 34.8 days)
- The well was programmed for 33 days and completed in 25 days. This was 24% below the programmed time and 13% below the programmed cost.

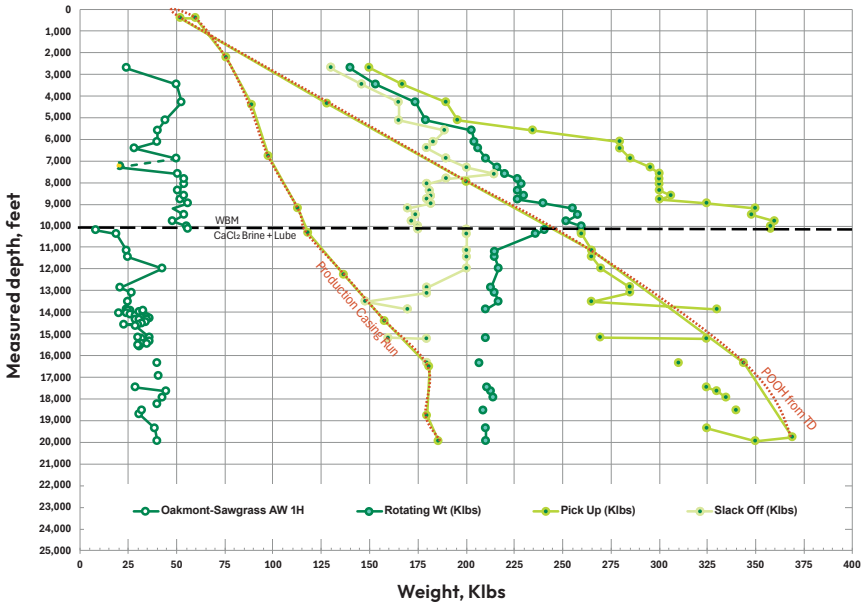
Average FPD to TD & Release



Note:

- 72% increase in average daily footage compared to offset wells.
- The average daily footage for all wells was 506 feet/day. The total well ROP using $CaCl_2$ brine and EvoLube XRD was 868 feet/day.
- Maximum penetration rates were achieved at 170 – 225 ft/hr.

WOB vs Measured Depth + String Weights



Note:

- At TD, pipe was pulled out of the hole on elevators to surface in 10 hours. Casing was run to bottom in 20 hours with no rotation or pump circulation.