

# NewEase 487 high-performance, low-friction lubricant

Our high-performance lubricant brings together industry-leading torque reduction, exceptional performance, and maximum convenience to your drilling operations.

Mitigate the threat of friction, shaker blinding, and product loss to retention on cuttings with NewEase 487. This high-performance, low-friction lubricant has reduced torque by as much as 85% in North Dakota brine during lab testing.

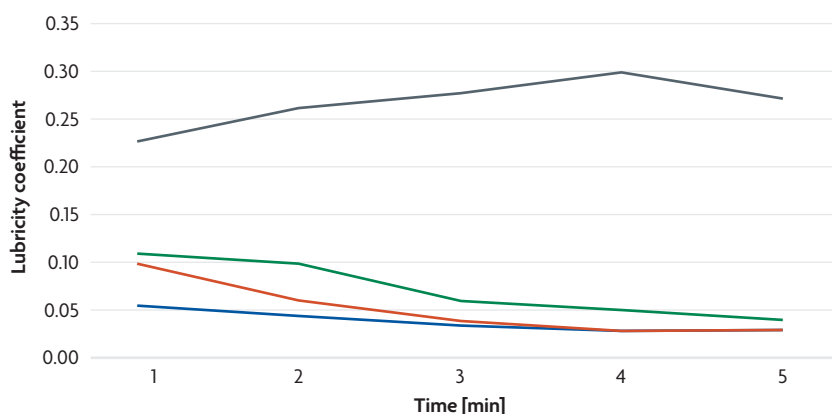
Developed for water-based fluids – with a specific focus on the unique chemistry found in North Dakota brine – NewEase 487 offers several benefits over traditional lubricants. The material flows easily at low temperatures for easy mixing, shows greatly reduced foaming and virtually no shaker blinding. NewEase 487 shows a high affinity to coat metal surfaces, resulting in extended duration of efficacy.

## Industry-leading 85% torque reduction

During lab-controlled lubricity evaluation, NewEase 487 stands up against the competition. Set against the two leading high-performance lubricants, each was added at 3% volume to a sample of Bakken Brine and hot rolled at 150°F for 16 hours, then allowed to cool to room temperature prior to lubricity testing.

With an 85% torque reduction, NewEase 487 outperformed the competition – with competitor 1 showing an 80% reduction and competitor 2 showing a 72% reduction in torque.

### Lubricant evaluation in Bakken Brine



**Graph 1** Demonstrates the lubricity performance in Bakken Brine. NewEase 487 has an average of 85% torque reduction, while Competitor 1 has an average of 80% and Competitor 2 has an average of 72%. All lubricants show efficient torque reduction after the 5-minute evaluation period.

### The main advantages of NewEase 487

- Reduces torque by an industry leading 85%
- Low-foam formulation
- Lessens cuttings retention
- Exceptionally low freeze point of -20F
- Remains active downhole for longer
- Achieve the same efficacy with less product
- Cuts transportation costs

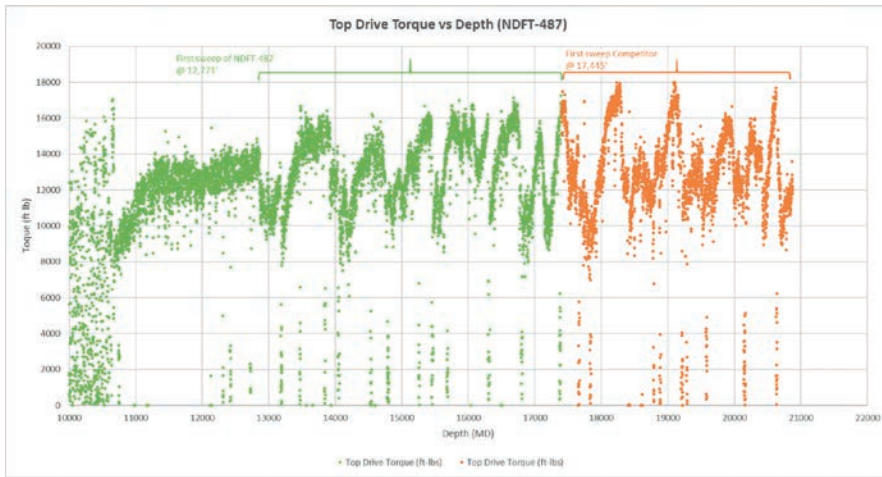
### 3% lubricant addition in Bakken Brine

Lubricant	Coefficient of friction
NewEase 487	0.0260
Competitor 1	0.0347
Competitor 2	0.0541

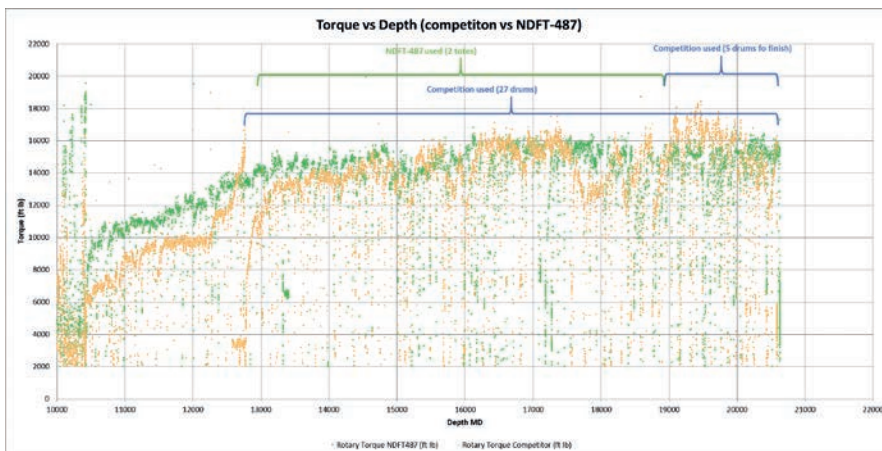
# NEWEASE 487 HIGH-PERFORMANCE, LOW-FRICTION LUBRICANT

## Less product, same efficacy

NewEase 487 reduces torque downhole for longer than traditional competitor solutions, giving you the flexibility to use the product in sweeps.



NewEase 487 can also be applied using other options such as a suction line injection pumps.



With the increased effectiveness of the product, both methods required less product to achieve the same efficacy – with as few as 3 totes have been used to drill a 10,000' lateral length in field use.

## Explore our full portfolio of water-based drilling fluids

Anticipate and overcome your fluids challenges with our extensive range of water-based drilling fluids.

Explore the full portfolio at [newpark.com/water-based-drilling-fluids](https://newpark.com/water-based-drilling-fluids)



## Easy to transport and store

With less lubricant required to achieve the same results, switching to NewEase 487 reduces transportation and storage costs. An exceptionally low freeze point of -20F is perfectly suited to North Dakota winters. Enabling reliable, year-round use.



Contact Newpark fluids specialists for more information  
[nfs@newpark.com](mailto:nfs@newpark.com) or visit [newpark.com/fluids](https://newpark.com/fluids)

Newpark Fluids Systems, 21920 Merchants Way, Katy, TX 77449, © 2024 Newpark Resources Inc., All Rights Reserved.

MAY 24