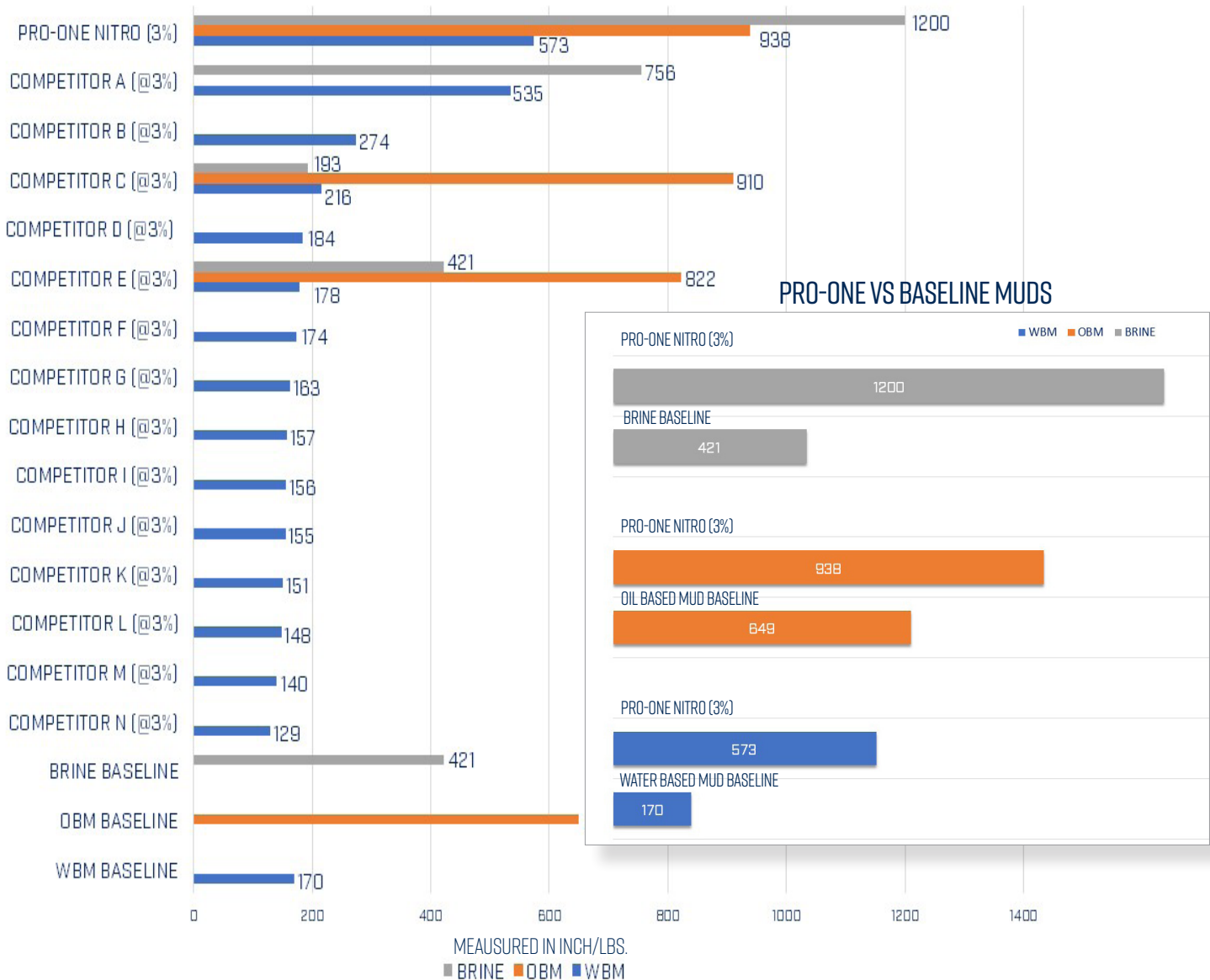




PRO-ONE VS TOP DRILLING FLUIDS

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 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 performs almost as well as Oil-Based Mud (573 vs 649)
- ProOne Nitro outperforms all other competitors on all three fluids .. Brine, Water-Based Mud and Oil-Based Mud.