

## A PowerPLUS™ Elastomer

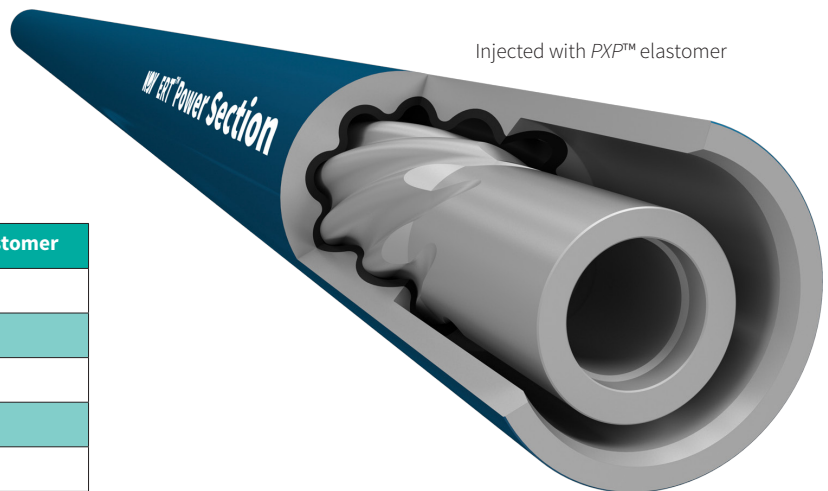
Our new PXP™ elastomer builds upon the strong legacy of our PRR™ (PowerPLUS™ RR) and POB™ (PowerPLUS oil-based) elastomers. Offering more versatility than previous compounds, the latest generation of PowerPLUS elastomers may be used across a wider range of mud types.

### Features and Benefits

- Faster drilling – 50% increase in torque over standard nitrile elastomers increases ROP when drilling through demanding applications
- Increased strength – Higher ultimate tensile strength
- Versatile – Redesigned compound with improved reliability in WBM and aggressive drilling fluids
- Availability – Houston, Texas and Nisku, Canada

### New ERT™ Power Section Designs Using PXP Elastomers

- 5.125 in High Flow ERT – 0.8 rev/gal at over 8,000 ft-lbs
- 5.125 in High Flow ERT – 0.6 rev/gal at over 9,000 ft-lbs
- 7.00 in High Flow ERT – 0.6 rev/gal at over 17,000 ft-lbs
- 8.25 in High Flow ERT – 0.11 rev/gal at over 26,000 ft-lbs



### Applications

Elastomer		PXP (PowerPLUS) Elastomer
Compatible drilling fluids	OBM	Yes
	WBM	Yes
	Synthetic	Yes
Max related temperature		320 ° F
Relative torque capacity vs standard nitrile		150%

### Run Summary (April 2017)

	Total	Longest
Run hours	2,765 hours	148 drilling hours (4,250 ft), Woodford Shale, 5 in motor size
Feet drilled	662,982 ft	10,673 ft (77 drilling hours), Eagle Ford Shale, 7 in motor size
Fields	Permian, Woodford, Eagle Ford, Bakken	
Temperatures	Up to 250 ° F down hole	