

# POB 97 – Our New Workhorse Elastomer

## An improved PowerPLUS elastomer.

Our new POB 97 is the latest evolution of our PowerPLUS™ oil-based (POB) line of performance elastomers. This new rubber compound is built upon the excellent performance attributes of our legacy POB. In addition, our reline facilities adopted a reworked and improved injection process, which leads to a more consistent injection every time. The result of these advancements is that every stator has the same high-quality elastomer lining, leading to improved run reliability.

### Features and Benefits

- NOV's patented fiber reinforced technology provides added reliability and durability
- Each stator is consistently reliable with consistent performance
- Versatile – Can be run in both WBM and OBM
- Versatile – Can be run in both conventional and ERT™ power sections
- Run in the world's largest motor fleet, providing validation in all applications

### Highlighted Power Sections Using POB 97

- 500-6780 – 0.81 rev/gal, 9,170 ft-lbs stall torque
- 500ERTcr6780 – 0.79 rev/gal, 13,330 ft-lbs stall torque
- 675-7857 – 0.23 rev/gal, 22,790 ft-lbs stall torque
- 700ERTcr7857 – 0.23 rev/gal, 32,590 ft-lbs stall torque
- 800-7840 – 0.16 rev/gal, 22,960 ft-lbs stall torque
- 825ERTcr7840 – 0.16 rev/gal, 33,300 ft-lbs stall torque

### Elastomer Attributes

<b>Compatible drilling fluids</b>	OBM	Yes
	WBM	Yes
	Synthetic	Yes
<b>Max related temperature</b>	320°F	
<b>Relative torque capacity vs. standard nitrile</b>	150%	

### Run Summary

<b>Run hours</b>	Over 150,000
<b>Feet drilled</b>	Over 9 million
<b>Temperatures</b>	Up to 285°F
<b>Field runs</b>	Permian, Bakken, Woodford, Eagle Ford, Marcellus, and Global

