

# POB 97 Elastomer

## An improved PowerPLUS elastomer.

Our POB 97 is the latest evolution of our PowerPLUS™ oil-based (POB) line of performance elastomers. This 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.



## Highlighted Power Sections Using POB 97

Power Section	Rev per Unit Volume	Stall Torque
5" 6/7 8.0 ERTcr	0.78	12,080
5-1/2" 6/7 7.8 ERT	0.58	15,190
5-1/4" 6/7 10.9	0.78	14,210
5-1/8" 5/6 9.5 ERT	0.8	15,390
5-1/8" 6/7 7.8 ERT	0.58	15,190
6-1/2" 7/8 6.7 ERT	0.27	33,240
7" 5/6 8.2 ERTcr	0.41	26,210
7" 6/7 7.8 ERT	0.32	31,800
7" 7/8 5.7 ERTcr	0.23	32,850
7-1/4" 7/8 7.2 ERT	0.26	38,190
8-1/2" 8/9 6.7 ERT	0.17	52,290
8-1/4" 7/8 4.0 ERTcr	0.16	33,740
8-1/4" 7/8 5.0 ERT	0.15	43,360
8-1/4" 9/10 3.9 ERT	0.11	48,070

## Features and Benefits

- NOV's technology provides added reliability and durability. Each stator is consistently reliable with consistent performance.
- Versatile – Can be run in both WBM and OBM
- Run in one of the most comprehensive motor fleets, providing validation in all applications"

## Elastomer Attributes

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