## **Patriot MAX Piston**

Tired of changing mud pump pistons? We have your solution. The Patriot MAX will work in all types of drilling fluid including oil based, synthetic and WATER BASED MUDS.

Specifically designed to work in applications with water based mud or when water base mud is used on the top side and oil base mud is used on the bottom side. This eliminates the need for changing the piston midway through the drilling program.

The Patriot MAX has been engineered with a unique friction reducing material bonded into the urethane of the sealing lip. Because the MAX is built to withstand friction in the liner, wear on your parts is minimized and savings is maximized.

The Patriot MAX is also designed to meet pressures of 7500 psi as well as temperatures up to 220°F.







## **FEATURES AND BENEFITS**

- Built-in lubricant reduces friction within the liner allowing for longer piston and liner life
- Proven, reliable performance in every piston
- Resistant to high pressure, abrasion, heat and extrusion
- Trusted on the largest domestic and international rigs in the world
- Averages 30%+ longer life than other mud pump pistons
- Dual-durometer bonded urethane allows for longer piston life
- "Bull nose" lip design seals for less "squirt" which reduces flush system contamination
- Superior lip and cut back hub design reduces wear on liner dramatically lowering mud pump operating costs
- MAX Piston is designed to withstand all mud conditions allowing it to be used at any point in the drilling process

<sup>\*</sup>not suited for clear or sea water uses



