

MISSION Green Duo Piston



The Green Duo bonded piston delivers time tested performance across a wide range of drilling fluids.

The MISSION™ Green Duo piston is a bonded multi durometer solid piston engineered for today's harsh drilling environments. It has superior resistance to tear, abrasion and extrusion, and it increases run times even at pressures up to 7,500 psi.

This piston is manufactured from polyurethane. It delivers increased toughness, and is capable of operating in fluid temperatures of 180°F or less while maintaining high mechanical properties. The piston offers superior performance at a moderate price, resulting in reduced cost per pumping hour.

Features and benefits

- Increased run times
- Reduced maintenance down time
- Reduced operational costs
- Moderate solids

Proven elastomeric compound

- High resistance to water, oil and synthetic based drilling fluids
- Excellent resistance to tear, abrasion, extrusion and particle embedment while maintaining high mechanical properties

Application

- Capable of operating in fluid temperatures of 180°F or less
- Can be operated in pressures up to 7,500 psi

Body design

- Reduced mass for lower weight
- Reverse compatibility to existing piston rods
- Design prevents fluid migration and abrasion between body and elastomer