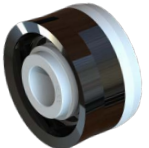
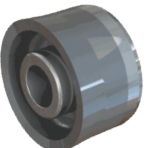
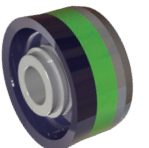
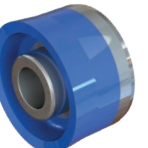
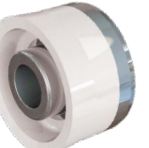



# PISTON COMPARISON

MUD PUMP PISTONS	PREMIUM OILFIELD TECHNOLOGIES PRODUCTS					
	CALIBER X500	CALIBER X400	CALIBER X350	CALIBER X300	CALIBER X200	PATRIOT FB
MODELS						
ABRASION / TEAR / OIL RESISTANCE	Blue	Blue	Blue	Blue	Green	Blue
SYNTHETIC / CHEMICAL OIL RESISTANCE	Green	Blue	Blue	Green	Green	Blue
EXTRUSION RESISTANCE	Yellow	Blue	Green	Blue	Green	Yellow
USE IN OIL / SYNTHETIC BASED MUDS	Yellow	Blue	Blue	Blue	Green	Blue
BRINE/SEA WATER/CLEAR WATER	Blue	Green	Green	Red	Red	Yellow
WATER BASED MUD > 10#	Yellow	Green	Green	Green	Green	Green
WATER BASED MUD < 10#	Blue	Green	Yellow	Yellow	Yellow	Yellow
USE IN LOW SOLIDS	Blue	Blue	Blue	Blue	Blue	Blue
USE IN MODERATE SOLIDS	Green	Blue	Blue	Blue	Green	Blue
USE IN HIGH SOLIDS	Green	Green	Green	Yellow	Yellow	Blue
MAXIMUM TEMPERATURE (°F)	250°F	300°F	220°F	280°F	180°F	300°F

## PERFORMANCE KEY

BEST	Blue	GOOD	Yellow
VERY GOOD	Green	POOR	Red

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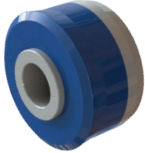
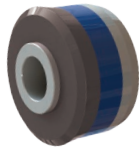
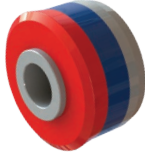
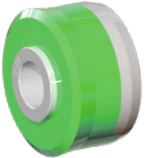
10600 W. Sam Houston Pkwy North ♦ Houston, TX 77064  
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# PISTON COMPARISON

MUD PUMP PISTONS	PREMIUM OILFIELD TECHNOLOGIES PRODUCTS			
	PATRIOT HT	PATRIOT TD	PATRIOT ST	PATRIOT KD
MODELS				
ABRASION / TEAR / OIL RESISTANCE	Best	Best	Best	Best
SYNTHETIC / CHEMICAL OIL RESISTANCE	Best	Best	Very Good	Best
EXTRUSION RESISTANCE	Best	Best	Best	Best
USE IN OIL / SYNTHETIC BASED MUDS	Best	Best	Best	Best
BRINE/SEA WATER/CLEAR WATER	Good	Very Good	Poor	Good
WATER BASED MUD > 10#	Very Good	Best	Very Good	Best
WATER BASED MUD < 10#	Good	Good	Good	Good
USE IN LOW SOLIDS	Best	Best	Best	Best
USE IN MODERATE SOLIDS	Best	Best	Best	Best
USE IN HIGH SOLIDS	Best	Very Good	Very Good	Very Good
MAXIMUM TEMPERATURE (°F)	300°F	240°F	220°F	350°F

## PERFORMANCE KEY

BEST		GOOD	
VERY GOOD		POOR	

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