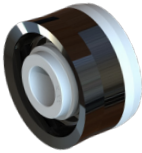
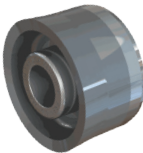
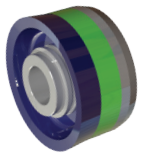
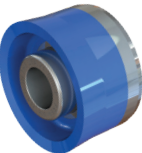
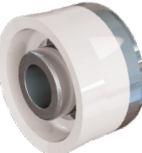
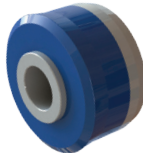
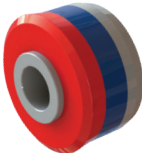
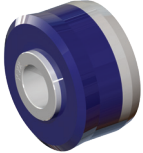
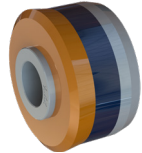


PISTON COMPARISON

MUD PUMP PISTONS	PREMIUM OILFIELD TECHNOLOGIES PRODUCTS								
	CALIBER X500	CALIBER X400	CALIBER X350	CALIBER X300	CALIBER X200	PATRIOT HT	PATRIOT ST	PATRIOT XT	PATRIOT TD
MODELS									
ABRASION / TEAR / OIL RESISTANCE	VERY GOOD	BEST	BEST	BEST	VERY GOOD	BEST	BEST	BEST	BEST
SYNTHETIC / CHEMICAL OIL RESISTANCE	VERY GOOD	BEST	BEST	VERY GOOD	VERY GOOD	BEST	VERY GOOD	VERY GOOD	BEST
EXTRUSION RESISTANCE	GOOD	BEST	VERY GOOD	BEST	VERY GOOD	BEST	BEST	BEST	BEST
USE IN OIL / SYNTHETIC BASED MUDDS	GOOD	BEST	BEST	BEST	VERY GOOD	BEST	BEST	BEST	BEST
BRINE/SEA WATER/CLEAR WATER	BEST	VERY GOOD	VERY GOOD	POOR	POOR	GOOD	POOR	GOOD	VERY GOOD
WATER BASED MUD > 10#	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	BEST
WATER BASED MUD < 10#	BEST	VERY GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
USE IN LOW SOLIDS	BEST	BEST	BEST	BEST	BEST	BEST	BEST	BEST	BEST
USE IN MODERATE SOLIDS	VERY GOOD	BEST	BEST	BEST	VERY GOOD	BEST	BEST	BEST	BEST
USE IN HIGH SOLIDS	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	GOOD	BEST	VERY GOOD	VERY GOOD	VERY GOOD
MAXIMUM TEMPERATURE (°F)	250°F	300°F	220°F	280°F	180°F	300°F	220°F	280°F	240°F

PERFORMANCE KEY

BEST		GOOD	
VERY GOOD		POOR	

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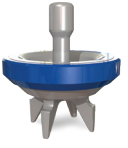
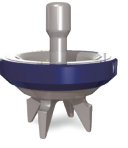
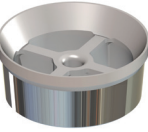

10600 W. Sam Houston Pkwy North ♦ Houston, TX 77041
 281.670.5200 MAIN ♦ 281.670.5229 FAX
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MUD VALVE AND SEAT COMPARISON

MUD VALVES AND SEATS	PREMIUM OILFIELD TECHNOLOGIES PRODUCTS					
	CALIBER XV400	CALIBER 4-WEB	PATRIOT HD	PATRIOT VXT	CALIBER 4-WEB SEAT	CALIBER XS SEAT
MODELS						
ABRASION / TEAR / OIL RESISTANCE	Blue	Blue	Blue	Green	Blue	Blue
TEAR RESISTANCE	Blue	Blue	Blue	Green	Blue	Blue
OIL RESISTANCE	Blue	Blue	Blue	Blue	Blue	Blue
CHEMICAL RESISTANCE	Blue	Blue	Blue	Green	Blue	Blue
SYNTHETIC OIL RESISTANCE	Green	Green	Green	Green	Blue	Blue
EXTRUSION RESISTANCE	Blue	Blue	Blue	Green	Blue	Blue
USE IN OIL BASED MUDS	Blue	Blue	Blue	Blue	Blue	Blue
USE IN SYNTHETIC BASED MUDS	Green	Green	Blue	Green	Blue	Blue
USE IN BRINE	Blue	Blue	Green	Green	Blue	Blue
FULLY BONDED	•	•	•	•	N/A	N/A
FORGED SINGLE PIECE BODY	•	•	•	•	•	•
CASE HARDENED ALLOY	•	•	•	•	•	•
MAXIMUM TEMPERATURE (°F)	300°F	300°F	300°F	280°F	N/A	N/A

PERFORMANCE KEY

BEST		GOOD	
VERY GOOD		POOR	

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