

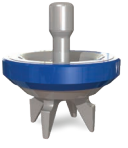

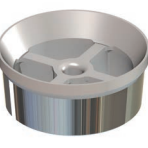





MUD VALVE AND SEAT COMPARISON

| 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 | Blue | 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 |  |
| VERY GOOD |  |

| | |
|------|---|
| GOOD |  |
| POOR |  |