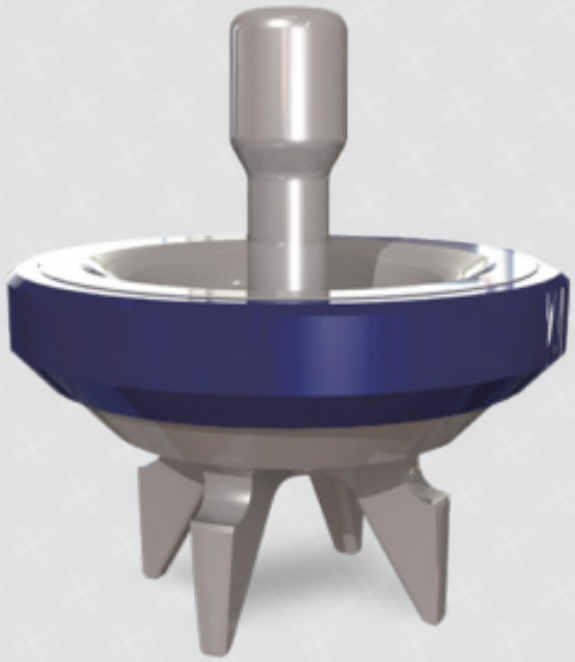
ATTITUDE ENERGY

MADE IN USA



BLUE FLAME HTHP VALVES

The Blue Flame HTHP Valves are engineered to endure the relentless demands of full 7500 psi pumps in extreme pressure and severe service conditions. Forged from a single piece of proprietary, high-strength alloy steel, they are case-hardened to meticulously controlled levels for enhanced durability.

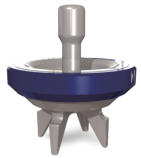
Featuring an impact- and high-temperature-resistant urethane seal molded in place, these valves deliver maximum performance in abrasive conditions. Each component undergoes rigorous individual inspection to ensure 100% reliability and optimal functionality.

BENEFITS

- Exceptional High-Temperature Performance – Designed to operate effectively in applications up to 300°F.
- Full-Open Design – Maximizes flow efficiency and performance.
- Robust Construction – Forged and precision-machined from a single piece for superior strength.
- Secure Bonded Insert – Prevents infiltration of solids, ensuring reliable operation.
- Versatile Compatibility – Delivers excellent performance in both water- and oil-based muds.
- Superior Chemical Resistance – Engineered to withstand harsh chemical environments.

Part Number	Size
ND-6-V2	API 6
ND-7-V2	API 7
ND-8-V2	API 8

MUD VALVE AND SEAT COMPARISON

MUD VALVES AND SEATS	ATTITUDE ENERGY				
MODELS	BLUE FLAME HTHP VALVES	BLUE FLAME 4 WEB VALVES	STANDARD PRESSURE VALVES/SEATS	HTHP SEAT	HP SEAT
					
ABRASION / TEAR / OIL RESISTANCE					
TEAR RESISTANCE					
OIL RESISTANCE					
CHEMICAL RESISTANCE					
SYNTHETIC OIL RESISTANCE					
EXTRUSION RESISTANCE					
USE IN OIL BASED MUDS					
USE IN SYNTHETIC BASED MUDS					
USE IN BRINE					
FULLY BONDED	•	•	•	•	N/A
FORGED SINGLE PIECE BODY	•	•	•	•	•
CASE HARDENED ALLOY	•	•	•	•	•
MAXIMUM TEMPERATURE (°F)	300°F	300°F	180°F	280°F	N/A

PERFORMANCE KEY

BEST		GOOD	
VERY GOOD		POOR	