

407 ValveLIFE

ValveLIFE is a high performance, premium, para-synthetic, organic based grease. ValveLIFE is specially formulated for use in oil and gas fracturing processes. ValveLIFE provides superior protection and performance of valves exposed to High Viscosity Friction Reducer (HVFR) fracturing fluids.

- **PERFORMANCE**
 - Seals against water contamination, intrusion of fracturing fluids and proppant.
 - Enhanced shear and mechanical stability
 - Maintains adhesive and cohesive properties in extreme conditions
- **CORROSION PROTECTION**
 - Highly effective corrosion inhibitor to protect metal surfaces
 - Mitigates corrosion caused by most HVFR fluids in use
 - Suitable for use with HVFR fracturing fluids.
- **APPLICATIONS**
 - Gate valves
 - Ball valves
 - Plug valves

TYPICAL PROPERTIES

NLGI Grade	0	1	2
Appearance	Black and Tacky	Black and Tacky	Black and Tacky
Thickener Type	Organic	Organic	Organic
Worked Penetration 77°F/25°C (ASTM D217)	355-385	310-340	265-295
Dropping Point °F/°C (ASTM D2265)	None	None	None
Four Ball EP (D2596), Weld Point, kg-f	160	400	250
Lincoln Ventmeter, psi			
-10°F/ -23.3°C		1831	
0°F/ -17.8°C		1222	1407
10°F/ -12.2°C			1055
30°F/ -1.1°C		248	653
50°F/ 10°C		127	435
US Steel Grease Mobility (S75), g/sec			
-30°F/-34.4°C	0.133	-	-
-20°F/-28.9°C	0.207	-	-
0°F/-17.8°C	0.447	0.077	0.05
10°F/-12.2°C		0.121	0.09
30°F/-1.1°C	0.701	0.161	0.18
50°F/10°C	-	-	1.02
Base Oil Properties			
Viscosity @ 40°C, cSt (ASTM D445)	87.07	364.09	552.96
Viscosity @100°C, cSt (ASTM D445)	14.22	38.52	50.21
Viscosity Index	169	155	149