



Service Manual

Service Manual

Pump Models: Series Q Pumps

Preventative Maintenance

Inspection & Routine Adjustment

	Stocked Pumps: Once Every 30 days	Initial Startup	Before & After long out-of-service periods	10 operating hours after initial startup	20 operating hours after initial startup	Every 200 operating hours	Every 500 operating hours or 3 months	Every 2000 operating hours	After Exposure to strong contamination
New Pump w/Mechanical Seal combination of metals: SiC-Si/TC. One Rotation when not in service	X								
Remove plastic plug from breather on V100 QHD Pumps.		X							
Check belt tension for belt drive pumps according to specification for all pumps configured with V-Belt Drives				X				X	
Tighten all mounting bolts					X				
Check buffer chamber oil level					X	X			
Change buffer chamber oil								X	X
Change Gear Oil				X				X	
Check Gear Oil Level							X		

**Man Hours Required for Preventative & Routine Maintenance**

All Q Series Pumps – Time in Hours				
Title	Electrician	Mechanic	Operator	Laborer
Lobe Change	1.0	2.0		
Seal Change	1.0	2.5		
Wear Plate Change	1.0	1.5		
Housing Adjustment	1.0	2.5		
Complete Wet-End Rebuild (all of the above tasks)	1.0	4.0		
Check Oils		.25		
Change Oils		.75		

Number of Personnel Required for Preventative & Routine Maintenance

All Q Series Pumps – Time in Man Hours				
Title	Electrician	Mechanic	Operator	Laborer
Check Oils		.25		
Change Oils		.75		



Service Manual

Service Manual

Pump Models: Series Q Pumps

Frequency of Preventative & Routine Maintenance

[illegible]