

# PUMP MAINTENANCE SCHEDULE

PUMP TECHNOLOGY	DAILY 1 PERSON (10-15 minutes)	WEEKLY 1 PERSON (20-30 minutes)	MONTHLY 1 PERSON (20-30 minutes)	ANNUALLY 2 PEOPLE (2-3 hours)	2 YEARS/10 000HRS 2 PEOPLE (6-8 hours)
CENTRIFUGAL	Check bearing temperatures Check for cavitation & bearing noise Measure motor current & voltage	Check differential pressure Check for excess noise or vibration Check unit for leakage	Check coupling and shaft alignment Check lubrication	Run spare pump Check shaft movement Clean all external equipment Check coupling rubber wear	Insert and renew parts as required
VANE		Check unit for leakage Check for excess noise or vibration Check for cavitation & bearing noise		Change oil after 500 hours. Inspect pump, check mechanical seal Inspect vanes	
GEAR		Check unit for leakage Check for excess noise or vibration Check for cavitation & bearing noise		Check coupling and shaft alignment	
ROTARY LOBE		Check unit for leakage Check for excess noise or vibration Check for cavitation & bearing noise		Change oil after 4000 hours Check lobe conditions	Change oil seals
PERISTALTIC			Every 300 hours check hose lubrication	Every 500 hours check shoe / roller condition	

  

PUMP TECHNOLOGY	WEEKLY 1 PERSON (20-30 minutes)	500 HOURS (During first use 50 hours)	1500 - 8000 HOURS 1 PERSON (30-60 minutes)	3000 - 16000 HOURS 1 PERSON (1-2 hours)
RECIPROCATING POSITIVE DISPLACEMENT E.G TRIPLEX PLUNGER PUMPS, PISTON PUMPS	Filters Oil Level Water Leaks Connections Belts & Pulley	Oil change	Inspect seals	Inspect valves

  

PUMP TECHNOLOGY	WEEKLY 1 PERSON (10 minutes)	APPLICATION SPECIFIC 1,000-20,000 HOURS 2 PEOPLE (5-6 hours)	PUMP TECHNOLOGY	MONTHLY (2 minutes)	YEARLY
PROGRESSIVE CAVITY	Check for excess noise or vibration	Check for stator, rotor wear Inspect and renew parts as required	MONITORING OF ALL TYPES	Perform external inspection for signs of leakage Lubricate as required	Check for excess noise or vibration

**Notes:** The service life of pumps and parts vary by application, duty-cycle, pumped liquid, presence of solids, temperature, inlet conditions, location of installation and system accessories.