

Maintenance Intervals



The following maintenance intervals specified are based on a daily operation of 8 hours, corresponding to 40 hours per week. If the pumps are operated more frequently, the interval should be shortened accordingly

| Group | Checking Point | Daily | Week | 100 | 250 | 500 | 1000 | Notes | |
|------------------|---|-------|------|-------|-----|-----|------|-------|---|
| | | | | Hours | | | | | |
| Hydraulic System | Drain condensation from hydraulic oil tank | | X | | | | | | |
| | Remote filter oil (Filter cart) | | | | X | | | | |
| | Check hydraulic oil level | X | | | | | | | |
| | Check for leaks or damage on lines | X | | | | | | | |
| | Check filter contamination indicator | X | | | | | | | |
| | Check hydraulic cylinders bolts | X | | | | | | | |
| | Change boom pressure filter and accumulator suction filter | | | | 1 | X | | | 1 |
| | Change return filter | | | | | | X | | |
| | Check hydraulic pressures | | X | | | | | | |
| | Change hydraulic oil | | | | | | | X | 2 |
| Pumping Kit | Check clearance between cutting ring/S-valve | X | | | | | | | |
| | Check cutting ring wear, rotate if needed | X | | | | | | | |
| | Check piston cups wear | X | | | | | | | |
| | Check inside of material cylinders for scoring | | X | | | | | | |
| | Check main cylinder rod seals for oil leaks | X | | | | | | | |
| | Check main cylinder rods for scoring | | X | | | | | | |
| | Check torque of water box bolts | | | | X | | | | |
| P.T.O Gear Box | Check oil level, condition and leakage | X | | | | | | | |
| | Full oil change of P.T.O. | | | | 1 | | X | | 1 |
| Electrical | Function test E-Stop switches | X | | | | | | | |
| | Visual inspection of wiring | X | | | | | | | |
| | Check the function of electrical switches | X | | | | | | | |
| | Check truck batteries connections | | X | | | | | | |
| | Function test and clean remote control | X | | | | | | | |
| Greasing | Check automatic greasing system | X | | | | | | | |
| | Check grease level and ensure no contamination enters reservoir | X | | | | | | | |
| | Grease the input/output shafts on the P.T.O. | | X | | | | | | |
| | Grease all nipples on the boom/outriggers | | X | | | | | | |
| Water | Check water level in water box | X | | | | | | | |
| | Check for contamination in the water box | | X | | | | | | |

M.I.v1 1/2

JB.2018.02

Maintenance Intervals



| Group | Checking Point | Daily | Week | 100 | 250 | 500 | 1000 | Notes |
|-----------------------------------|--|-------|------|-------|-----|-----|------|-------|
| | | | | Hours | | | | |
| Turret Structure and Moving Parts | Check reduction gear assembly oil level | | X | | | | | |
| | Change reduction gear assembly oil | | | 1 | | X | | 1 |
| | Clean and re-pack slewing and reducing gear | | | | | X | | |
| | Clean reduction gear assembly breather | | | | X | | | |
| | Check turret hardware for tightness | | | | X | | | |
| | Check mounting hardware for tightness | | | | X | | | |
| | Grease hollow pin grease fittings | X | | | | | | |
| | Grease turret, grease fittings at ground level | | 3 | | | | | 3 |
| | Lubricate all mechanical moving parts | | X | | | | | |
| Hopper | Check wedges, bolts and pins | X | | | | | | |
| | Check wear on bottom hopper door pin | X | | | | | | |
| | Inspect bolts on S-tube swing lever | | X | | | | | |
| Outrigger Chain And Rollers | Lube chain | | | 1 | X | | | |
| | Check rollers adjustment and chain tension | | | 1 | X | | | |
| | Grease rollers | | | 1 | X | | | |
| | Grease blind rollers (inside outrigger) | | | 1 | X | | | |
| Delivery Line | Check wall thickness | | X | | | | | |
| | Check pipes supports and clamps | X | | | | | | |
| | Check safety pins | X | | | | | | |
| Other | Check Nitrogen pressure in accumulator | | X | | | | | |
| | Clean oil cooler radiator fins | | | | X | | | |
| | Check all safety gear | X | | | | | | |
| Truck | Check daily if maintenance is due and follow your truck manufacturer's maintenance instructions | | | | | | | |

M.I.v1 2/2

JB 2018 02

- 1: Break-In period is 100 hours
- 2: As needed, oil test is recommended
- 3: Every 24 hours of work or weekly whichever happens first