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Motorpump Service List

Essential Pre-Winter Checks:

1. Clean down the pump unit.
2. Check/change engine oil, oil filter, fuel filter, air filter, coolant system and fan belt – see maintenance procedure and schedule.
3. Check for any perished hoses and replace as required.
4. Remove drain plug from pump and drain water.
5. Drain water from nylon pipes connected to the pressure gauge in the control unit.
6. Check the oil in the pump and replace with ISO32 hydraulic oil. Top up primer pump reservoir with ISO32 hydraulic oil.
7. Check that the Seals in the suction and delivery pipework are not damaged and replace as required.
8. Seal the suction and delivery pipework on the pump to prevent rodent or bird access.
9. Leave all valves open to allow any water to drain freely.
10. Remove the back plate on the electric primer, check the vanes and bearing and replace if required. Clean and dry all parts.
11. Drain the flexible hose from the primer pump to the vacuum chamber. Remove the non-return valve on the end of the flexible hose, clean, check that it is working correctly and refit. Check the priming solenoid for wear.
12. Turn the rotating parts on the pump at regular intervals (every 3 to 4 weeks) to prevent them from seizing in one position.
13. Lower the jacks to take the pressure off the tyres and prevent cracking. At the beginning of the next irrigation season, check the tyre pressures and inflate as appropriate before raising the jacks.

For any other service/maintenance enquiries please contact Briggs Irrigation on:

Tel: 01536 260338

E-mail enquiries@briggsirrigation.co.uk

Service completed by: _____

Date: _____