



WINTERIZING A HYDROSEEDER

Check List compliments of : EMERALD EQUIPMENT



CHECKLIST

A. Engine

- Change oil and oil filter.
- Change fuel filter.
- Service air filter.
- Tune gas engine.
- Clean and flush radiator and thermostat.
- Inspect fan belt.
- Inspect and adjust clutch.
- Clean and check battery and store inside.

B. Pump

- Check impeller wear plate tolerance-- adjust or replace.
- Inspect casing for wear.
- Replace seal if leaking.
- Drain water from pump casing, then pour in a quart of oil and spin to prevent rust.
- Remove lubricator cup and fittings, clean and repack with a soft soda based grease.

C. Tank

- Exterior can be cleaned of lime and fertilizer by spraying on fuel oil or vinegar and washing off several days later. Touch up with paint.
- Interior should be cleaned and spot painted.
- Inspect all tank bearings and seals. Replace if necessary.

D. Piping

- Inspect all rubber seals and gaskets.
- Inspect all piping clamps and coupler.
- Remove and disassemble valve, clean grease grooves and the large plug in the bottom of the valve and repack.
- Flush all hoses, reels and piping.

E. Drive Components

- Check all chains, sprockets, belts, and pulleys for wear and proper tension.
- Check shaft couplers for wear.
- Check gear boxes for proper lubrication.

F. Hydraulic System

- Drain reservoir, clean suction screen, change filter and refill with specified oil.
- Inspect all hydraulic hoses for leaks, cracks and deterioration.
- Inspect all valves, cylinders and fittings for leaks.

G. Grease Fittings

- Lubricate with hand gun only.

H. Trailer

- Inspect tires.
- Pack wheel bearings.
- Inspect hitch, hitch bolts and safety chains.

I. Miscellaneous

- Check all guards and safety decals. Replace if necessary.
- Restock tool kit with any missing items.
- Restock spare parts bin.
- Inspect the overall machine for structural wear and damage. Tighten loose fasteners.

Winterization Tips Specifically for Bowie Hydro Mulchers :

Clean entire machine before storage.

Clean inside of tank and drain.

Centrifugal pumps : remove drain plug in bottom of pump

Bowie Gear Pump : grease each fitting with 15 pumps of grease and turn pump slowly a few revolutions.

Leave all ball and gate valves open halfway.

Add *Sta-Bil* fuel stabilizer to fuel tank and run engine for 15 minutes.

Water cooled engines be sure radiator has proper anti-freeze.

Remove and store battery indoors.

Spray *WD-40* on Formsprag Clutches.

Grease all fittings, spray *Chemsearch Lubrease* or equivalent on all roller chains.

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