

**Need:** skilled mechanics to repair equipment at KHBC

**Date needed:** June 1, 2008

**Duration:** about a week

*Equipment repairs: immediately after initial camp setup our focus has to be on repairing all of our equipment. To make best use of all the work teams that are coming to KHBC these repairs are very important and must have immediate attention. We need two experienced diesel mechanics this first week to work along side Johnathan Broline (our main mechanic).*

1. First priority is the D6 dozer SN 76A3698; Series C

Needs exhaust stack. Without this the exhaust fumes come right to the cab. Alternator belt loose. Fuel pump throttle rod out side seal leaks oil on to the starter. This can start a fire. Engine has lost power. Maybe a fuel restriction some where; the turbo seems fine. Blade Tilt needs major repair; hydraulic hoses and fittings. Main rear drive Sprocket teeth on both sides are worn bad. Winch needs internal oil and 150 foot of 5/8" cable.

2. Hough Loader H60B series, S/N H60B 3420312V001488, Cummins Model V352 CHT; Eng S/N F033964; Ref # 67327

We have a replacement torque converter coming the first river barge and hopefully a replacement main hydraulic pump. It is a big job just to remove these parts and prepare for installing the replacements. Other problems are: the main fuel pressure pump is very weak (a jerry-rigged auxiliary pump is installed which helps). The alternator needs attention (battery charging, the starter motor some times gets stuck and free-rolls. The air breaks leak. Needs replacement exhaust stacks. A replacement drivers seat is available to install. Need 25 gallons of automatic transmission ATF.

3. 1973 Case 450, Dozer S/N 3047078; Engine Mod G188D; S/N 2704329; Trans S/N 2697642; Roosa Master Pump Mod D8GFCC431-29AJ. S/N 1452806

Replacement of Generator mount bracket, Re-weld main drive mount on one side and weld or tighten 1-1/8 headed bolts on the other side.

4. All three electric generators need oil change. The 30KW needs to have new battery, install a piped drain for helping with oil change. The Lister 15KW battery charge is not working.

5. Earth Compactor, has a Wisconsin 2 cylldr Model TJD 320138 6022862, Prestolite Distributor IGW 4412-9-P; 3-1/4 bore, 3 inch stroke, 16.8 HP at 3600 rpm, We have a replacement motor that needs to be reworked and installed. Needs a good ignition switch.

6. Watering trailer; we have a 700 gallon water tank on wheels. It needs a water pump operational and hooked up so that it can both pick up to fill the tank or deliver water for fire suppression. Also to be used to water field grass or keep the field dust down.

7. Kubota tractor - L2800 HST-F; SN 58061; Front tires 27X8.50 15 NHS, Rear tires 15-19.5 R4 IND

Intermittent problem "now and then" engine hesitates and even cuts out when shift forward or back-up." Also needs extra front tire. Another thing that would really help are extra weights at the rear wheel base for easier and safer operations when transporting heavy items.

8. Wood Mizer saw mills: the LT25 needs oil change and a pre-flight of other PM items. The new LT40 needs to be set-up for it's first time operation.

9. Only one ATV is operational. There is an older Suzuki 250 and Polaris but they are in bad shape though work some time.

10. Weed wackers & brushers:

Stihl FS 120Fd SN 4223943 & SN 4223696; two of these need weed heads and replacement parts.

Homelite Pro series PBC 3800; UT No 15077A - SN HD3540173 (no compression) Needs engine repair kit (piston, rings, gaskets).

Nail gun: "Power Trak-it" W3-21FRH, needs Battery and charger. Also needs gas canisters. We do not have any nails.

Chain Saws: Stihl:

O28 (Need carb work)

O32 (not working)

O34 (not working)

O36; we have three of these operating.

MS260 Pro

290 Pro (Roger's) working

MS 361

MS 44 (Roger's) working

For more information contact: Roger Huntington, Box 10 Galena, Alaska 99741, 907 656 2226 [roger.huntington@gmail.com](mailto:roger.huntington@gmail.com) .

For more information regarding volunteering at KHBC, see our website: [www.kokrinehills.org](http://www.kokrinehills.org)