

FIX-N-FAX #175

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

Number 175

Mandatory Compliance

Date April, 1995

Hydro-Static Suction Filters

It is being reported by some field units that there may be confusion when servicing the hydro-static system and replacing the "suction filter" on the current models #14, #15 and #17.

The replacement suction filter must meet a "10 micron" rating so that the charge pump will pass internally contamination "10 micron" and smaller. Also, a filter with a more aggressive rating will create a "high inlet restriction."

Models 14/15:

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|----------------------|-----------------|---------------------------|
| Correct Part Number: | Gresen #K-23018 | "10 MICRON" (or equal) |
|----------------------|-----------------|---------------------------|

Model 17: (Spartans):

| | | |
|----------------------|--------------------------------|---------------------------|
| Correct Part Number: | Zinga #LE 10 - long element | "10 MICRON" (or equal) |
|----------------------|--------------------------------|---------------------------|

SPECIAL NOTE:

The hydro-static system design on the Model #17 requires the "long element" -- **NO EXCEPTIONS.**

Several systems have been detected with water in them, causing algae to form or collect in the suction filter and piping. A reminder: when the system is drained or when there is a significant change in "sound/noise" coming from the hydraulic pump, you should visually inspect the suction screen in the hydraulic tank and cut open the suction filter looking for algae, etc. It is always a good practice to open up a filter to evaluate the type and amount of contamination trapped within.

****THESE ARE CRITICAL ISSUES AND IF THERE ARE ANY QUESTIONS CONTACT SHOULD BE MADE WITH THE LOCAL FLEET MANAGER BEFORE THE UNIT IS REFILLED AND PUT IN SERVICE!**

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