

FIX-N-FAX #78

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

No. 78

Date: September 1976

Fire Engine Pump and Tank Corrosion

Under special or unusual circumstances, it may be necessary to pump saltwater or brackish water from CDF apparatus, exposing the entire pump, plumbing, and tank to possible damage.

Electrochemical corrosion of dissimilar metals in the pumping system should be expected with extensive exposure to salt laden water due to its electrical conductivity.

The only protection available is complete repeated flushing of tank, pump, and plumbing with fresh water as immediately as practical after saltwater immersion.

[\(see FIX-N-FAX INDEX\)](#)