HALE

SERVICE BULLETIN #24

TO: ALL MAJOR PUMP CUSTOMERS

SUBJECT: Transfer Valve Indicator Problems

Gentlemen:

In maintaining Hale's policy of keeping our customers informed of problems encountered, and to correct service complaints, we wish to advise that some of our Transfer Valve indicator guides should be replaced.

Referring to the attached Plate 472E, we have found that, due to a batch of faulty castings, the indicator pin (QLF-450) is binding in the spiral groove of the guide disc (QLF-73). We believe this situation can exist on Q and QLF pumps shipped in May, June and July of this year.

Hale intends to replace all faulty guides; however, you may find it more expedient to grind the spiral groove wider - the faulty castings have a narrow groove section in the last turn near the hub. To help alleviate immediate problems, we are sending today one or more of the spiral discs (on a no-charge basis) to the attention of your service manager. If more are required, please advise the number needed, and serial number of the pumps.

Following are some helpful installation suggestions for this indicator:

In order to install the spiral discs (QLF-73) and position it properly from the operator's side of the panel, we recommend a 4" dia. hole be made in the panel.

Positioning of the spiral disc should be as follows:

After sliding the spiral disc onto the stem (Q279D), turn the stem counter-clockwise to its limit -- this will put the Transfer Valve in the "Volume" position. Now rotate the spiral disc so that its set screw faces the rear

of the truck. After pulling the stem out to its maximum limit (Q-258D-11 pinion gear will stop against QLF-290 bushings), locate the face of the disc, 7/16" to 1/2" behind the face of the panel, and tighten the set screw.

This should allow you to mount the indicator plate in the proper position (indicating Volume) with sufficient clearance between the pin and the spiral guide groove. A note of caution, on mounting the indicator plate assembly (QLF G737), the hole in the plate for the hand wheel stem must be concentric with the stem. Therefore, a drill jig is recommended for piloting on the .620/.624 stem while drilling for the four (4) 1/4" mounting screws. A detailed drawing of the plate is included for this purpose.

If you have any questions or suggestions on this matter, please don't hesitate to call us.

Very truly yours,

HALE FIRE PUMP COMPANY

C. R. Shaffer
Service Manager