HALE PUMPS

Hule Fire Pump Company 708 Spring Mill Avenue Conshahocken, Pa. 19428 (215) 828-8835

June 8, 1971

SERVICE BULLETIN 452 23

TO: All Major Pump Customers

SUBJECT: Pump Shaft Packing Separators

In maintaining Hale pumps in the highest standards, we have, after an extensive testing period, made an improvement to the zinc separators that are located between each ring of shaft packing, to minimize shaft pitting due to galvanic corresion.

The QL-58Z, Q-58Z, FZ-58Z and SCIR-58Z which were rigid (1/16") zinc separators are now replaced by zinc foil separators (.005" thick). These zinc foil separators prolong packing life by allowing the packing adjustment pressure to be more uniformly transmitted to the packing.

When repacking pumps, the zinc separators are to be removed and three (3) zinc foil separators (.015" thick) used at same locations that separators were removed from, making a total as shown on attached plates.

Enclosed is packing reference plate and sample rinc foil separator.

Yours very truly,

C.R. Swaffer Service Manager

(encl.)