Monsanto

FROM (NAME & LOCATION) Randall Graham - New York

DATE May 23, 1969

SUBJECT Red Tag Maintenance Program/Electrolux

REFERENCE

TO : J. R. Fallon - St. Louis

cc: R. P. Sullivan
D. A. Hall - St. Louis
D. F. Smith - St. Louis
N. T. Johnson - St. Louis
D. A. Olson - St. Louis
RPS/GRG/File

Hydraul Leak Tag File

About 5 years ago we were under fire at Electrolux because there were excessive leakage problems and fluid consumption.

Met with Frank Moriarity, Maintenance Engineer, Russ Dresher, Chief Manufacturing Engineer, and others to discuss this problem. Viton seals and packings were recommended and were standardized on.

Frank Moriarity instigated a red tag maintenance program which worked as follows:

Each die cast machine operator was provided with a box of red tags. As he noted hydraulic leaks, red tags were tied at the location of the leak. At the end of the first several weeks, the 6 die cast machines looked like Christmas Trees.

Frank Moriarity found it necessary to call in maintenance personnel on Saturday while the plant was shut down. It required several full Saturdays and about a half dozen Saturday mornings until maintenance was able to catch up with the excessive leaking.

Once they got ahead of the situation, it became a challenge to the various maintenance personnel to eliminate red tags as they appeared on the floor and soon there was no need for Saturday time and a half.

The result of this program along with use of Viton seals and packings, was a 2/3 reduction in fluid consumption. Pydraul sales dropped from $20,000 to $7000 the next year. While this may seem sad, must point out that Vice President of Electrolux was trying to get water glycol fluids installed at this time.

Electrolux started with Pydraul F-9, then A-200, and have been running successfully for several years on Pydraul 312. They do an excellent maintenance job (see Dale Smith's last letter re analytical samples).

Jack, I feel that we should instigate a red tag program to cope with Mobil Oil's highly advertised hydraulic fluid maintenance program.

Perhaps we could feature Electrolux in one of our advertisements. By the way, the last time I talked with their maintenance worker responsible for re-building hydraulic systems, he reported that the pump cartridges on the first 4 die cast machines had been in service for 8 years and had not been changed. This is astonishing performance. We, of course, should check this out.

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My next step re the red tag maintenance program will be to work with Griffin Pipe Products in Florence, N. J., where their present fluid consumption is running at a $65,000/year rate, Houghtosafe 1120. As you know, they will be converting a skimmer to Pydraul 312 for their initial trial. Malcolm Taylor likes the red tag idea, which I have discussed with him.

Could you have red tags printed up with appropriate wording on one side explaining program and the other side with date leak was spotted, etc. Also, space for instructions. I can present these red tags to Griffin Pipe Products to give this program a try and hopefully we could feature Griffin Pipe Products in future advertisements.

Randall Graham

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