Card No of 3 on operation of **Aroclor 1248** heat transfer systems

of SYSTEMS

Observe the manufacturers' recommendations for maintaining all equipment in the system and watch these additional points:

Mechnical Check-points

1. Keep all moving parts lubricated.
2. Routinely check accuracy of readings shown by safety and temperature limit controls.
3. Periodically check heater components (heater tubes, burner, refractory linings).
4. Keep heater surfaces and fuel filters clean.
5. Check water cooling of the circulation pump.
6. Repack stuffing boxes as needed, according to supplier's recommendations.

Aroclor Check-up

Aroclor 1248 is very stable when properly used. Its condition is indicated by its viscosity (see Fig. 6 of Monsanto's booklet, **"Aroclor 1248 Heat Transfer Data"**).

Once or twice a year take a sample of the circulating **Aroclor** fluid and make a viscosity determination. Most plants have the simple equipment needed for this operation. Others send it to an outside laboratory. The fluid will be checked free of charge if a one-quart sample properly packed is shipped to

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
Industrial Fluids Sales
P. O. Box 478
St. Louis, Missouri

In systems operating normally at temperatures not over 600°F. and not subject to frequent power failures (with consequent overheating of fluid), an annual check of the circulating fluid is usually sufficient.

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