Relatherm
Heat Transfer Fluids

RELACLEAN LC

Large Heat Transfer System Cleaner

1-800-387-0406
hello@relatherm.com
www.relatherm.com

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Large Heat Transfer System Cleaner

Fast-acting concentrate cleaner for large heat transfer system. It softens, dissolves, and cleans carbon deposits and sludge within heat transfer systems. It is an effective maintenance solution for the removal of hard carbon deposits during emergency shutdowns and planned outages. This unique formulation helps to restore system performance and efficiency by removing fouling from heat transfer surfaces.

PRODUCT SUMMARY

- Potent system cleaner - Economical for large heat transfer systems
- Treat Rate: 10% - 20% of system volume mixed into existing mineral-oil based heat transfer fluid.
- No interruption - Continue to run production with blend of **RelaClean LC** and heat transfer fluid.
- Maximum Use Temperature: 315°C / 600°F
- No flushing is required after use

WHY RELACLEAN LC?

Thermal fluid degradation can be quite problematic in large heat transfer systems utilizing lower quality heat transfer fluids. Oxidation often leads to the formation of coke deposits and sludge. At an advanced stage, this can become protracted, leading to inefficient heat transfer, safety concerns and production issues. **RelaClean LC** is a concentrate cleaner designed to rectify the effects of fluid degradation in these systems. It effectively cleans while the system runs, leading to more efficient heat transfer.

INSTRUCTIONS

- Install a mesh screen in the Y-strainer to catch semi-solids
- Drain 10%-20% of the existing heat transfer fluid
- Add 10% - 20% of RelaClean LC concentrate into the remaining thermal fluid
- Circulate thermal fluid and cleaner and run system normally (up to a maximum temperature of 600°F/315°C). Fluid and cleaner can be run for a duration of a few weeks to one (1) year.
- To drain the fluid and cleaner, shut off heat source and keep pump running until fluid temperature goes down to 180°F/82°C.

Caution: Use adequate protective clothing and face protection. Hot thermal fluid can cause serious burns.

SYSTEM CLEANER PROPERTIES

Maximum Bulk Temperature	315°C	600°F
Minimum Use Temperature	-40°C	-40°F
Flash Point (Closed Cup)	193°C	380°F
Viscosity@104°F/40°C, cSt	2	

Fluid properties are typical results and should not serve as a sole resource for determining the correct fluid for any application. Please consult a Relatherm representative to ensure that this product is the right choice.

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