



Do’s

- DO use graphite-filled, spiral-wound gaskets with steel centering ring or metal-inserted flexible graphite sheet gaskets to help maintain a leak-free system.
- DO operate a leak-free heat transfer fluid system and promptly fix any leaks that may occur.
- DO maintain the temperature of the fluid in non-inerted expansion tanks below 80 °C to help reduce the rate of fluid oxidation.
- DO cool the fluid to 90 °C or less when collecting a sample. Simple sample coolers are very effective
- DO maintain sufficient level in the expansion tank to avoid pump cavitation and overheating of the fluid.
- DO install valve stems horizontally and install a drip cup or canopy below valves and flanges to divert any leaked fluid outside of the insulation to help avoid insulation fires
- DO check the alignment of a new pump when the system is cold and re-check alignment when the fluid has reached full temperature.
- DO submit representative samples from the system to Solutia for detailed analysis of fluid condition on a routine basis.

Don’ts

- Do NOT stop the circulation pump until the fluid temperature cools to 70 °C or lower while shutting down the system.
- Do NOT insulate new flanges and other potential leak points during start-up. Wait until after the system has reached full temperature and verification has been made that there are no leaks before insulating them
- Do NOT re-use fluid leaked from pump glands or from other leak sources
- Do NOT bypass any safety interlocks/instrumentation without proper authorizations, notifications and safety reviews.
- Do NOT operate the heat transfer fluid above the maximum recommended bulk and film temperatures.
- Do NOT use threaded connections whenever possible - welded or flanged construction is preferred.
- Do NOT use open-cell or porous insulation around potential leak sources such as flanges, valves, fittings to help minimize the potential for insulation fire.

Note: Although the information and recommendations set forth herein (hereinafter “Information”) are presented in good faith and believed to be correct as of the date hereof, Solutia Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Solutia Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.



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