

STORAGE AND HANDLING

This section provides practical fluid and equipment processing information useful for power transformer manufacturing & repair facilities, field servicing and retrofilling from mineral oil to FR3 fluid. It provides guidance for storage, handling, processing, and testing FR3 fluid. The following documents are included:

- **CPS Bulletin: Envirotemp FR3 Fluid Storage and Handling Guide**
- **Material Safety Data Sheet**
- **Envirotemp FR3 Fluid Testing Guide**

Conclusion: For the most part, the basic guidelines for storage and handling are similar to mineral oil. However, due differences in the basic chemistry between petroleum oils and natural ester fluid, there are differences in some of the recommended guidelines. Of special importance is the minimization of continuous exposure to air, particularly thin films of natural ester.