

## **FIELD PROCESSING AND RETROFILLING**

**This section provides practical fluid and equipment processing information useful for field servicing and retrofilling transformers originally filled with mineral oil to FR3 fluid. It provides guidance for storage, handling, processing, and testing FR3 fluid. The following documents are included:**

- **CPS Bulletin: Recommended Procedures for Retrofilling Oil Filled Transformers**
- **Envirotemp FR3 Dissolved Gas Guide**
- **CPS Bulletin: Envirotemp FR3 Fluid Storage and Handling Guide**
- **Material Safety Data Sheet**
- **Envirotemp FR3 Fluid Testing Guide**

**Conclusion: The basic guidelines used for processing mineral oil apply for FR3 fluid. Storage and handling are also similar to mineral oil. Care should be taken to minimize continuous exposure to air, particularly thin films of natural ester.**