LTC Diagnostic Nomograms

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Advantages of Nomograms

- No calculations needed to plot data, plot ppm directly
- Cannot plot very low ppm values
- Not limited to three gases
- Ratio calculated and evaluated on plot
- Condition code shown directly on plot
- Multiple dates plotted to show trend
- Easily Generated for Specific LTC models
Gas Ratio Nomogram
Ethylene/Acetylene Ratio
Gas Ratio Nomogram for Nitrogen/Oxygen Ratio
Case Histories*

*Courtesy of Weldmann Diagnostics
CASE STUDY 1

ETHYLENE/ACETYLENE

Westinghouse UTT-A Sealed LTC

Had a fault due to contact misalignment
CASE STUDY 2

ETHYLENE/ACETYLENE

NITROGEN/OXYGEN
CASE STUDY 2 – Problem Found
CASE STUDY 3

ETHYLENE/ACETYLENE

Federal Pacific TC-25
Sealed
CASE STUDY 3 – Problem Found
THANK YOU!