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'Providing Tribological Solutions'

Steam Turbine Control EHC and FRF Presentations

(Many available upon request)

Triaryl Phosphate Esters Fluids (What, Why and Use), with T. Austin – Canoil), FRF Workshop, Candu Owners Group (COG), May 10-11, 2019, Pickering NGS Information Centre

EHC System Designs and Impact on Fluid Degradation, FRF Workshop, Candu Owners Group (COG), May 10-11, 2019, Pickering NGS Information Centre

EPRI EHC Resource Materials (Reports and Lube Notes), FRF Workshop, Candu Owners Group (COG), May 10-11, 2019, Pickering NGS Information Centre

Understanding EHC Fluid Condition Monitoring, with Matt Hobbs EPT, STLE Power Generation, 2019 Annual Meeting, Nashville, TN, May 21-24, 2019

EHC Fluid Maintenance – Testing and Monitoring Best Practices, 2018 EPRI Turbine Generators Users Group Meeting, August 13, 2018, Baltimore, Maryland

Fire Resistant Fluid Management in Canadian Fleet, with E. Prescott, EPRI Asset Management of Nuclear Steam Turbine Generators Workshop, May 7-8, 2018, Bruce Power, Toronto, ON

EHC Workshop re fluid purification, sampling, testing and trouble shooting, 90 minutes, EPRI Condition Based Maintenance (CBM) Users Group, Lube Breakout. July 13-14, 2017, Louisville, KY

EHC Electrohydraulic Control Fluid Maintenance, EPRI Condition Based Maintenance Conference, July 15, 2014, Four Seasons Hotel, St. Louis, MI

EHC Fluid Tutorial, 2 hours, K. Brown, Eco Fluid Center Ltd., 13th EPRI Steam Turbine-Generator Workshop, Vendor Exhibition and TGUG Meeting, August 12-16, 2013, Charlotte, NC

Trouble Shooting Steam Turbine Phosphate Ester EHC Fluids, Power Generation Industrial Council, STLE Annual Meeting, May 16-20, 2010, Las Vegas, NV

EHC Fluid Maintenance -Trouble Shooting, OPG Workshop on IX Treatment for Steam Turbine Control Fluid, May 14, 2010 at Pickering NGS, Pickering, ON

EHC Fluid Maintenance – Turbine OEM Equipment, OPG Workshop on IX Treatment for Steam Turbine Control Fluid, May 14, 2010 at Pickering NGS, Pickering, ON

EHC Fluid Analysis and Component Issues, Off-Line Condition Assessment, EPRI Turbine Generators Users Group (TGUG) Winter Workshop, January 15-16, 2007, Royal Plaza, Orlando, FL

Electrohydraulic (EHC) Fluid Issues and Maintenance, EPRI 4th Turbine-Generators Technology Transfer Workshop and Vendor Exposition, July 24-25, 2006, The Hilton, Charlotte University Place, NC

EHC Fluid Twenty Years Later - Still Going Strong, 2005 STLE Annual Meeting, Power Generation Session 5F, Las Vegas, NV, given by T. Austin

EHC Fluid Quality and Effect on Overspeed Protection System Reliability, EPRI Turbine Overspeed Risk Management and Reliability Improvement Workshop, February 3-4, 2004, Palmer House Hilton, Chicago, IL



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Effect of Water on Properties of Fire Resistant EHC Fluids, with L. Billings and T. Austin – Forsythe, STLE Annual Meeting, Power Generation 1, May 17-20, 2004, Toronto, ON

Phosphate Ester Electro-hydraulic Fluids, Southern Co. Condition Based Maintenance User Group Meeting, February 18-21 2003, Auburn, AL

EHC Fluid Maintenance, EPRI Turbine Generator, Technology Transfer Workshop, July 22, 2002, Charlotte, NC

EHC Fluid Quality Maintenance, 7th EPRI Turbine/Generators Users Workshop, given by R. L. Slover and E.M. Austin, August 20-23, 2001 Baltimore, MD

Ten Years Experience with Ion Exchange Purification, with L. Billings and T. Austin, Power Generation Council, STLE 2001 Annual Meeting in Orlando, FL

Phosphate Ester Electro-hydraulic Control Fluids, with T. Austin, Forsythe at EPRI NMAC Turbine Generators Users Group – EHC Workshop, Jan 15-17, 2001, New Orleans, LA

Fire Protection and Hazards of Lubricating and Hydraulic Fluids, with T. Austin, Society of Fire Protection Engineers Southern Ontario Chapter, March 9, 1999, Toronto, ON

Steam Turbine Control Fluid Seminar, Monticello GS Texas Utilities, two half day seminars, March 1, 1999, Monticello GS, TX

Effect of Water on Phosphate Ester Control Fluids, with L. Billings & T. Austin - Forsythe, Power Generation Council, STLE Annual Meeting, May 11-21, 1998, Detroit, MI

Trouble Shooting EHC Systems, Power Generation Council, STLE 1997 Annual Meeting, Kansas City, MI

Recommended Maintenance Activities and Typical Operating Problems, Steam Turbine Control Fluid Symposium, STLE 1995 Annual Meeting, Cincinnati, OH

Effective Particulate Contamination Control, Plant Engineering and Maintenance Association of Canada, March 6, 1996, Mississauga, ON

Particulate Contamination Control, STLE Toronto Section, October 10, 1995, Toronto, ON

Power Station Particulate Contamination Control, STLE 1995 Annual Meeting, Power Generation Industry Council, Chicago, IL.

Fire Resistant Fluid: Case Histories, with G. Staniewski, STLE 1994 Annual Meeting, Power Generation Industry Council, Pittsburgh, PA.

Fire Resistant Fluid Case Histories, Electric Power Research Institute (EPRI) NMAC 4th Annual Conference and Technical Workshop, March 21-23, 1994, Charlotte, NC.

Salem Overspeed Incident, Presentations to technical staff at Ontario Hydro nuclear stations: Bruce 'A', Bruce 'B', Darlington and Pickering in 1992

Condition Monitoring and Maintenance of Steam Turbine-Generator Fire Resistant Triaryl Phosphate Control Fluids, Condition Monitoring and Preventative Maintenance Conference held in conjuncture with STLE Annual Meeting May 1-4, 1989, Atlanta, GA

Note: EPRI (Electric Power Research Institute) presentations and webinars can be available to Contact Eric Prescott eprescott@epri.com or Nick Camilli ncamilli@epri.com.