

Publications : : 2001

- 290.R.J. Bishop and G.E. Totten, "Design of Proper Inlet Condition to Minimize Hydraulic Pump Wear", in Hydraulic Failure Analysis: Fluids, Components and System Effects, ASTM STP 1339, Eds. G.E. Totten, D.K. Wills, and D. Feldman, 2001, American Society for Testing and Materials, West Conshohocken, PA, p 318 - 332.
- 291.H.Liang, G.E. Totten, K. Mizuno, R.J. Bishop and S. Lemberger, "Fundamental Hydraulic Wear Processes", in Hydraulic Failure Analysis: Fluids, Components and System Effects, ASTM STP 1339, Eds. G.E. Totten, D.K. Wills, and D. Feldman, 2001, American Society for Testing and Materials, West Conshohocken, PA, p. 278 - 298.
- 292.C.G. Fey, G.E. Totten and Y.H. Sun, "Analysis of Common Failure Modes of Axial Piston Pumps", in Hydraulic Failure Analysis: Fluids, Components and System Effects, ASTM STP 1339, Eds. G.E. Totten, D.K. Wills, and D. Feldman, 2001, American Society for Testing and Materials, West Conshohocken, PA, p. p. 299 – 317.
- 293.G.E. Totten, D.K. Wills, and D. Feldman, Eds., Hydraulic Failure Analysis: Fluids, Components and System Effects, ASTM STP 1339, 2001, American Society for Testing and Materials, West Conshohocken, PA.
- 294.G.E. Totten, R.J. Bishop and L. Xie, "Bench Tests to Evaluate Hydraulic Fluid Lubrication: A Review", Bench Testing of the Lubrication and Wear Properties of Industrial Fluids Used in Machinery Applications, STP 1404, G.E. Totten, L.D. Wedeven, J.R. Dickey and M. Anderson, 2001, American Society for Testing and Materials, West Conshohocken, PA, , p. 33-50.
- 295.G.E. Totten, L.D. Wedeven, J.R. Dickey and M. Anderson, Bench Testing of the Lubrication and Wear Properties of Industrial Fluids Used in Machinery Applications, STP 1404, 2001, American Society for Testing and Materials, West Conshohocken, PA..
296. K.V. Krishnamurthy, G.E. Totten and G.M. Webster, "Computerized Steel Hardness Predictions Based on Cooling Curve Analysis", Proc. The 6th ASM Heat Treatment Conference, 2-4 Sept 2000, Chennai, India.
- 297.N. Gopinath, G.E. Totten and G.M. Webster, "Polymer Quench Bath Maintenance: The Role of Cooling Curve Analysis", Proc. The 6th ASM Heat Treatment Conference, 2-4 Sept 2000, Chennai, India.
- 298.G.E. Totten, R.J. Bishop, R. Suzuki and Y. Tanaka, "Air Entrainment – How it Happens, How to Avoid It", Hydraulics & Pneumatics, 2001, July, p. 39-40, 52-53.
- 299.G.E. Totten, H.M. Tensi and G.M. Webster, "Fluid Flow Sensors for Industrial Quench Baths: A Literature Review", 8th Seminar of the International Federation for Heat Treatment and Surface Engineering, 12-14 September 2001, Dubrovnic - Cavtat, Croatia, (Croatian Society for Heat Treatment and Surface Engineering, Ivana Lucica 1, Zagreb, Croatia), p. 13-24.
- 300.H.M. Tensi, G.E. Totten, G.M. Webster, M. Meindl, and K. Lainer, "Development and Technology Overview of a Fluid Flow Sensor (Sonde) for Commercial Quench Tanks", 8th Seminar of the International Federation for Heat Treatment and Surface Engineering, 12-14 September 2001, Dubrovnic - Cavtat, Croatia, (Croatian Society for Heat Treatment and Surface Engineering, Ivana Lucica 1, Zagreb, Croatia), p. 35-43
301. I. Felde, T. Reti, S. Segerberg, J. Bodin and G.E. Totten, "Characterization of Quenching Performance by Using Computerized Procedures and Data Base of Heat Treatment Processes", 8th Seminar of the International Federation for Heat Treatment and Surface Engineering, 12-14 September 2001, Dubrovnic - Cavtat, Croatia, (Croatian Society for Heat Treatment and Surface Engineering, Ivana Lucica 1, Zagreb, Croatia), p. 309-316.

302. G. Sánchez Sarmiento, D.M. Coscia, C. Jougard, G.E. Totten y G.M. Webster: "Distorsión y tensiones residuales en probetas de aluminio sometidas a tratamiento térmico". Proceedings of the Second Argentinian Conference of Abaqus Users, Buenos Aires, September 10-11, 2001. pp. 1-11.
303. G. Sánchez Sarmiento, M. Castro, G.E. Totten y G.W. Webster: "Modelización de tensiones residuales en el tratamiento térmico de aceros de resortes". Proceedings of the Second Argentinian Conference of Abaqus Users, Buenos Aires, September 10-11, 2001. pp. 119-129.
304. I. Felde, T. Reti, G.S. Sarmiento, G.E. Totten, and X.L. Chen, "Effect of Smoothing Methods on the Results of Different Inverse Modeling Techniques", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 76-83.
305. I. Felde, T. Reti, S. Segerberg, J. Bodin and G.E. Totten, "Characterization of Quenching Performance by Using Computerized Procedures and Data Base of Heat Treatment Processes", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 93-96.
306. H.M. Tensi, A. Haas, K. Lainer, G.E. Totten, and G.M. Webster, "Sensor Tip Optimization for a Thermal Anemometer for Determining Convection Intensity in Quench Baths", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 1-7.
307. G.E. Totten, G.M. Webster, and H.M. Tensi, "Fluid Flow Sensors for Industrial Quench Baths: A Literature Review", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 122-128.
308. A.C. Canale, L. Canale, J.E. Ruggieri, G.E. Totten, and G.M. Webster, "Quenching Testing Using Different Laboratory Agitation Systems", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 135-143.
309. G. Sanchez-Sarmiento, M. Castro, G.E. Totten, G.M. Webster, L. Jarvis, and M.F. Cabré "Modeling Residual Stresses in Spring Steel Quenching", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 191-200.
310. M. Przylecka, M. Gestwa, G.E. Totten, and G.M. Webster, "Polymer Quenching Media Selection", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 201-206.
311. M. Przylecka, M. Gestwa, G.E. Totten, and G.M. Webster, "Polymer Quenchants and Diffusion Layer Properties", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 207-213.
312. G.E. Totten and G.M. Webster, "Prof. Dr. Hans M. Tensi: Importance of the Influence of Wetting Behavior on the Quenching Process", in Heat Treating – Proceedings of the 21st Conference, Eds. S. Shrivastava and F. Specht, 5-8 November, 2001, ASM International, Materials Park, OH, p. 14-24.
313. G.E. Totten, M. Narazaki and G.M. Webster, "Quench Process Related Distortion Control Problems: An Overview", 10th International Induction Heating Seminar, Inductoheat Corp., 32251 North Avis Drive, Madison Heights, MI 48071, 17-19 October 2001, Clearwater Beach, Florida.
314. G.E. Totten, C.E. Bates, G.M. Webster and D.S. MacKenzie, "Industrial Use of Quench Factor Analysis: Application as a Specification Procedure for Quenching Qualification", in Advances in the Metallurgy of Aluminum Alloys – Proceedings of the James T. Staley Honorary Symposium on Aluminum Alloys, ed. M. Tiryakioglu, ASM International, Materials Solutions 2001, November 5-8, Indianapolis Convention Center, Indianapolis, IN, p. 204-212.