

## DISCUSSION GROUP P9 SEALLESS PUMPS

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**James (Jim) Lobach** is a Chief Development Engineer with the Chempump Division of Teikoku USA. He has had extensive experience in the design and application of high speed rotating machinery. For over twenty years he has been closely involved with canned motor pump design innovations, including low specific speed pumping, pump hydraulics and performance, and monitoring equipment. He has provided field service engineering and trouble shooting in the Chemical and Petrochemical process industries. Mr. Lobach has authored papers presented at the symposium, and received a B.S.M.E. from the University of Colorado. He is a registered Professional Engineer in the State of Colorado.

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**Ronald J. Carlson** is a Machinery Reliability Engineer with Flint Hills Resources, in Corpus Christi, Texas. He has worked in the oil industry in maintenance for 18 years in various capacities including pumps, compressors, and vibration analysis. Mr. Carlson has a B.S. degree (Mechanical Engineering) from the University of Nebraska, and a B.S. and M.S. degree (Aeronautical Engineering) from Wichita State.

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**Daniel W. (Dan) Wood** is a Pump Consultant with the DuPont Company, in Wilmington, Delaware. He provides pump, mechanical seal, and pumping system technical support throughout DuPont. Mr. Wood participates on committees within the Hydraulic Institute and is a voting member for 3-A Sanitary Standards for ANSI pumps. He was previously employed for 15 years in various engineering and training roles at Flowserve. Mr. Wood graduated from the University of Cincinnati (BSME, 1991). He is a Level III Vibration Analyst certified through Technical Associates of Charlotte.

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**S Dennis (Denny) Fegan** has over 40 years' experience in rotating equipment including pumps, compressors, steam and gas turbines. His career has included design, application, installation and troubleshooting of this equipment to the HVAC, power generation, petroleum refining, chemical processing and the refrigeration markets. His work history includes Ingersoll Rand Corporation, Pacific Pump Division of Dresser Industries, Teikoku USA Inc. and Hermetic Pumps Inc. He currently operates Powerdyne Consultants. He was a member of the API 685 committee. He is an active member of the American Society of Mechanical Engineers (ASME) and the American Institute of Chemical Engineers (AIChE). He is currently a member and past Chair of the Equipment Testing Procedures Committee of the AIChE. He served for a number years as a Discussion Group Leader for Sealless Pumps at the Texas A&M Pump Symposium. He holds several patents on sealless pump design and has published a number of papers on sealless pump design and applications.

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**Gene Baker** has 25+ years of plant maintenance, reliability and power generation with rotating equipment. This includes 14 years of US Navy and commercial power generation. He is currently the Lead Machinery Engineer for the La Porte site. Gene is a Principle Machinery Engineer for LyondellBasell. He has a BS degree in Nuclear Engineering from the University of Maryland and a PE in mechanical engineering in the state of Texas. Gene has held several positions in the petro-chemical industry and is pursuing an MSME in fluid dynamics. He is also a member of ASME.