

## DISCUSSION GROUP T5/P5 LUBRICATION



**Leslie Thilagan** is a Technical Advisor at KBR Houston, Texas. He has over 30 years experience in design, hydraulics, applications including evaluation and order execution, testing, trouble shooting, technical sales and management in the pump manufacturing industry both in UK and in USA. His experience includes working at David Brown-Bingham pumps in Sheffield.UK (20 years), David Brown-Union Pumps, Rhurpumpen, and Sulzer Pumps in Houston Texas. He obtained his degree in mechanical and production engineering at University of Huddersfied UK. He is a registered professional engineer with State of Texas. He was a Chartered Mechanical Engineer with Institution of Mechanical Engineers in UK and European Engineer with FENAI Belgium.



**Charles R. (Charlie) Rutan** is Senior Engineering Advisor, Specialty Engineering, with Lyondell Chemical Company, in Alvin, Texas. His expertise is in the field of rotating equipment, hot tapping/plugging, and special problem resolution. He has three patents and has consulted on turbomachinery, hot tapping, and plugging problems all over the world in chemical, petrochemical, power generation, and polymer facilities. Mr. Rutan received his B.S. degree (Mechanical Engineering, 1973) from Texas Tech University. He is a member of the Advisory Committee of the Turbomachinery Symposium, and has published and/or presented many articles.



**Kerry F. Gunn** is currently a Principal Engineer with Lyondell Houston Refining. He is assigned to the FCCU unit where he provides reliability engineering support including machinery repair; troubleshooting of rotating equipment; and identifying reliability improvement projects for rotating equipment. Prior to his current position, Mr. Gunn worked for 14 years at Sterling Chemicals as a Rotating Equipment technologist and five years at Quantum Chemicals Houston Plant as an Area Maintenance Engineer and Project Engineer. Previously, Mr. Gunn was a Senior Research Engineer at Exxon Research and Engineering for nine years. He participated in design, construction, and operation of synthetic fuels pilot plants. Mr. Gunn received a B.S. degree (Mechanical Engineering, 1975) from Oklahoma University and an M.S. degree (Mechanical Engineering, 1977) from Purdue University. He is a member of ASME and the Vibration Institute, category II certified.

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