

WO Lloyd "Tex" Leugner, CD

A graduate of the Canadian Military School of Electrical and Mechanical Engineers Apprentice Training Program, Mr. Leugner spent 15 years as a vehicle mechanic and reliability specialist with the Canadian Army, including service with NATO forces in Europe and United Nations Peacekeeping missions on the Gaza Strip, Cyprus and the Sinai, (during which he was attached as the unit mechanic to a Swedish Army Battalion that patrolled the Eastern Sinai Desert from Sharm el Sheik to the Gulf of Aqabah). He was honourably released at his request in 1972 with the rank of Warrant Officer holding Military Master Vehicle Technician trade certification.

After his release, he joined the management team of Industra Lube, an Edmonton based oil analyses laboratory, where he worked as a lubrication specialist for several years, and then after obtaining journeyman qualifications in the Heavy Duty Mechanic and Millwright trades, he founded Maintenance Technology International Incorporated of Calgary, Alberta in 1977 and operated the successful company until it was wound up in 2007. For 30 years, the Company provided equipment reliability improvement training and consulting services for clients operating industrial machinery and mobile equipment, specifically; the development and implementation of Preventive Maintenance Management programs, Equipment Condition Monitoring, Planning and Scheduling, Equipment Reliability Improvement, Troubleshooting, Lubrication and Failure Analyses. During his ownership of the company, he organized and chaired a series of ten annual Industrial Equipment Maintenance Technology Symposiums, which were held across Canada and the U.S.A. attracting hundreds of delegates.

With such experience in industrial equipment reliability, lubrication and oil analyses, he has been a member of the Society of Tribologists and Lubrication Engineers for over 45 years, has contributed many articles for the Society's publication *Tribology and Lubrication Technology*, has been a STLE Certified Lubrication Specialist since 1993 and served as Western Canadian Regional Vice-President of the Society from 1987-1991. During his career, he has authored over 300 articles, troubleshooting and technical papers and written several books on topics related to industrial and mobile equipment maintenance, reliability and lubrication, including three editions of *The Practical Handbook of Machinery Lubrication* and *The Handbook of Machinery Troubleshooting*.

In 2010 he was employed as Executive Director of Equipment Reliability and Lubricant Analysis Services for Agat Laboratories of Calgary Alberta and retired in 2016. He continues his interest in Equipment Reliability as a periodic contributor to the U.S. trade magazines, *Machinery Lubrication*, *Power Engineering* and *Practicing Oil Analysis*, as well as an award-winning contributing writer for Toronto's *Machinery and Equipment MRO* magazine. For the past several years, he served as Conference Chairman and substitute presenter for the Plant Maintenance & Asset Reliability Conferences held in Edmonton Alberta and Toronto Ontario, organized and operated by the Canadian Institute of Toronto.

He has served for over 20 years as a committee member of the Royal Canadian Electrical Mechanical Engineers Association of Western Canada, currently as Vice President, Annual reunion organizer, Newsletter editor and Membership representative. From 1995 until 2011, he organized nine RCEME

Apprentice reunions across Canada. In 2014, 2016 and 2017, he organized fund raising campaigns to raise money for Veterans suffering from PTSD. These activities raised some \$60,000.00. He is a member of the Canadian Association of Veterans in United Nations Peacekeeping and actively works at its annual Casino to raise money for veteran's causes including support of the "Ghost Squadron", a group of retired veterans who maintain "Live Operational Artifacts" including the Hornburg ARV, at The Military Museums in Calgary. In 2013, he was named Peacekeeper of the year for his work as a veteran's advocate. He works annually during the month of November with Historica Canada's Memory Project presenting stories of Canada's military history to commemorate Remembrance Day at schools and senior's retirement homes in the Calgary area.

Medals and Decorations

Warrant Officer Leugner was awarded the following CF medals and decorations.

- The Special Service Medal (Alert & NATO bar),
- The Canadian Peacekeeping Service Medal,
- The UN Emergency Forces I (UNEF I),
- The UN Forces in Cyprus (UNFICYP), and
- The Canadian Forces Decoration (CD).

Other medals and decorations issued by the Canadian Veterans Association include:

- The Nobel Peace Prize Medal (issued in 1988),
- The UN 50-Year Peacekeeping Anniversary Medal, and
- The International Veterans Millennium Medal (issued in 2000).