

A Discussion Group is a forum in which leaders and delegates participate together to share topical problems, solutions, and best practices. Suggested topics are suggestions only; actual topics discussed will be determined by each session's attendees.

Session: Discussion Group 5
Turbomachinery Bearings and Annular Seals
(Presented twice; again as Discussion Group 11)

Date: Monday, 16 February, 2015 1430 – 1600 hours

Leaders:

- Scott Wisler (Dresser-Rand)
- Urs Baumann (MAN Diesel & Turbo Schweiz AG)
- John Whalen (John Crane)
- John A. Kocur (ExxonMobil)

Topics:

- Turbomachinery bearings
 - Sleeve and tilted pad journal bearings
 - Babbitt bearing failures
 - Bearing upgrades
 - Clearances
 - Installation
 - Oil
- Annular seals and polymer seals, including centrifugal compressor applications and designing an upgrade
- Polymer material selection
 - Temperature concerns
 - Chemical compatibility, including oil film, labyrinth, and bearing housing seals