



Radiation Tolerant Lubricants

Guest Editor:

Dr. Matteo Ferrari

1. Laboratoire Hubert Curien,
CNRS UMR 5516, Université Jean
Monnet, F-42000 Saint-Étienne,
France

2. CERN, Organisation
Européenne pour la Recherche
Nucléaire, Geneva 23, CH-1211
Geneva, Switzerland

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Message from the Guest Editor

The scope of this Special Issue is to assess the state of the art on radiation-tolerant lubricants and to gather information on the activities and studies ongoing on these topics, with a special focus on :

- Radiation effects on lubricants and radiation tolerant formulations/products available on the market;
- Facilities for the irradiation and/or post-irradiation characterization of lubricants;
- Experimental and/or analytical approaches to assess the radiation effects in lubricant materials;
- Real examples of the application of lubricants in high-radiation areas;
- Criteria for the selection of lubricants for high-radiation applications;
- Failure analysis of lubricated equipment and degradation of lubricants after use in high-rad areas;
- Use of radiation-tolerant lubricants for the design and construction of rad-hard equipment.

