Special Issue

Recent Advances in Lubricating Greases II

Message from the Guest Editor

Lubricating greases are markedly viscoelastic lubricants with a special tribological behavior, but with a wide range of applications. Our research work has, more or less, two main directions: understanding the behavior of greases during tribology stress, and furthering knowledge of the behavior of greases in concrete machine element applications. In the course of this work, opportunities were also created to develop new lubricants such as biodegradable and completely biogenic lubricating greases. In recent years, work on the structural degradation of lubricating greases has increasingly been conducted. This has led to a new research focus on lubricating grease tribology. Energetical investigations seem to be an appropriate tool with which to obtain new information. The success of our previous Special Issue on 'Lubricating Greases in 2017' encouraged us to continue examining this interesting topic. Research on the practical application of lubricating greases is also very welcome. We hope researchers will accept our invitation and present their research work.

Guest Editor

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Message from the Editor-in-Chief

Friction, wear, and lubrication are tribological phenomena that govern the behavior of interacting surfaces in a wide range of machine components. Understanding the physical and chemical nature of these phenomena is critical to achieving long component lifetime and economical operation. Research in the field of tribology is highly interdisciplinary, and encompasses the fields of physics, chemistry, engineering, and mathematical modeling. *Lubricants* invites contributions on new advances in all areas of tribology for publication as peer-reviewed research articles, reviews of current research, letters, and communications. We are committed to providing timely reviews of all articles submitted. Please consider sharing your work with the scientific community through publication in *Lubricants.*

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