

# Special Issue

## Additives for Lubricating Oil and Grease: Mechanism, Properties and Applications

### Message from the Guest Editor

Lubricating oil and grease serve as essential components that reduce friction, wear and prolong the life of moving mechanical parts. The effectiveness of the formulation of the lubricant and grease is easily impacted by various factors, such as temperature, pressure, and heavy loads. To enhance the performance of lubricants and grease, researchers have introduced diverse additives that enhance wear resistance, thermal stability, and the service life of mechanical components. The escalating demand for additives for lubricating oil and grease has continued to grow alongside the advancement in technological applications. ... This Special Issue hopes to attract both academic and industrial researchers, promoting innovation in the application of lubricating oil and grease additives, fostering new ideas for future research and expanding knowledge in this field.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 April 2024)



## Lubricants

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## About the Journal

### 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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### Editor-in-Chief

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