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

MDPI

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