Special Issue

Matching Ability and Anti-Wear Properties of Lubricants

Message from the Guest Editor

The lubricants play an important role in the friction process, which protects the surface of objects. The structure, composite, matching ability, anti-wear properties of lubricants determine the quality of the lubrication effect. This Special Issue, entitled “Matching ability and anti-wear properties of lubricants”, will promote a platform for the sharing of knowledge among researchers in the field of lubricants including theoretical analysis, numerical simulation, and experimental study. This Special Issue will cover a wide range of disciplines as follows:

- Microstructure of lubricant;
- Lubrication simulation;
- Friction and wear of coatings;
- Design of lubricant;
- Surface property;
- Matching ability of lubricant;
- Other aspects on lubricant.

Guest Editor

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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.*

Editor-in-Chief

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