Special Issue

Lubricity in Fuel

Message from the Guest Editor

The diesel fuel Portion of petroleum naturally contains sulfur compounds that provide good lubricity. Requiring reduced levels of sulfur will therefore lower the lubricities of both No. 1 and No. 2 diesel fuels. A lack of lubricity in these fuels causes premature equipment failures. Consequently, EPA mandates that further lower sulfur requirements will exacerbate the fuels' lubricity problems. This Special Issue will focus on lubricity, lubricity enhancers (i.e., biodiesel), lubricity test methods (advantages/shortcomings), lubricity additives, and operational conditions and requirements.

Guest Editor

Dr. Sevim Z. Erhan
Eastern Regional Research Center-USDA/ARS, 600 East Mermaid Lane, Wyndmoor, PA 19038-8598, USA

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Lubricants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
lubricants@mdpi.com

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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.*

Editor-in-Chief

Prof. Dr. Homer Rahnejat
School of Engineering, University of Lancahire, Preston PR1 2HE, UK

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