



lubricants



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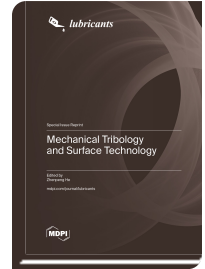
Mechanical Tribology and Surface Technology

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The study of mechanical tribology and surface technology has become a critical focus in industrial research. This reprint highlights cutting-edge advancements in lubrication, sealing, friction, and surface engineering, compiling empirical studies and theoretical analyses on topics such as floating ring seals, circumferential graphite seals, tribological behavior, surface micro-texturing, and interface modeling. It explores key mechanisms, performance evaluations, and optimization strategies for friction pairs, as well as innovative surface modification techniques. By bridging fundamental research with practical applications, this reprint provides significant insights for researchers and engineers aiming to enhance material performance, reduce wear, and improve surface functionality in industrial systems.



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