

Adhesion of AlCrN coating deposited on TiB₂/Ti composites sintered by SPS dedicated for high temperature tribological applications

Michalczewski, Remigiusz; Kalbarczyk, M.; Slomka, Z.; **Hussainova, Irina; Liu, Le; Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012010, 9 p <https://doi.org/10.1088/1757-899X/1140/1/012010>

Assessment of the potential of lubricated contact condition laboratory testing and surface analysis for improving the performance of machine elements. Comparison of model and real component test methods

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Comparison of a tribological model and real component test methods for lubricated contacts

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Effect of HBN on wear of AlCrN-coated spark plasma - sintered TiB₂/Ti composites at temperatures up to 900°C

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Effect of solid lubricants on wear of PVD-coated spark plasma-sintered TiB₂/Ti composites

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Nitriding of the CoCr alloy substrate as the method for improving of the performance of promising biocoatings for hip replacement

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The assessment of the coated elements behaviour before and after scuffing under four-ball lubricated testing conditions

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The effect of low-friction PVD coatings on scuffing and pitting resistance of spur gears

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The wear of PVD coated elements in oscillation motion at high temperature

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