



Erratum to: Operating behavior and performance of oil-lubricated plastic gears

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The unreinforced plastic gear indicates a minimum lubricant film thickness $h_{\min}=0.39\mu\text{m}$ and a specific lubricant film thickness of $\lambda=1.6$ for the herein investigated operating conditions. The fiber reinforced variant, however, exhibits a minimum lubricant film thickness $h_{\min}=0.28\mu\text{m}$ and a specific lubricant film thickness of $\lambda=0.6$. Due to the higher roughness and the resulting low specific lubricant film thickness, the carbon fiber reinforced test gears may be more sensitive to wear in operation than the non-reinforced variants of lower roughness.

The original article has been corrected.

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