

## CORRECTION

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## Correction: Self-powered, online, highly sensitive lubricating oil acidity monitoring driven by a triboelectric sensor

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Correction for 'Self-powered, online, highly sensitive lubricating oil acidity monitoring driven by a triboelectric sensor' by Bin Ge *et al.*, *J. Mater. Chem. A*, 2025, <https://doi.org/10.1039/D5TA00241A>.

The authors regret that there was an error in the units provided in the Abstract, on Page 5 and in the Conclusions of the original article.  $\mu\text{g cm}^{-1}$  should be  $\mu\text{g cm}^{-2}$ .

Within the Abstract of the article, in the sentence beginning "It was found that the amino group on the surface..." the unit should be listed as  $\mu\text{g cm}^{-2}$ .

On the 5th page of the article, within Section 2.2, in the sentences beginning "The stable adsorption mass of the base oil..." and "The adsorption masses for the surface of FCNH-0...", the units should be listed as  $\mu\text{g cm}^{-2}$ .

Within the Conclusions of the article, in the sentence beginning "The FCNH-based surface-modified amino groups..." the unit should be listed as  $\mu\text{g cm}^{-2}$ .

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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