

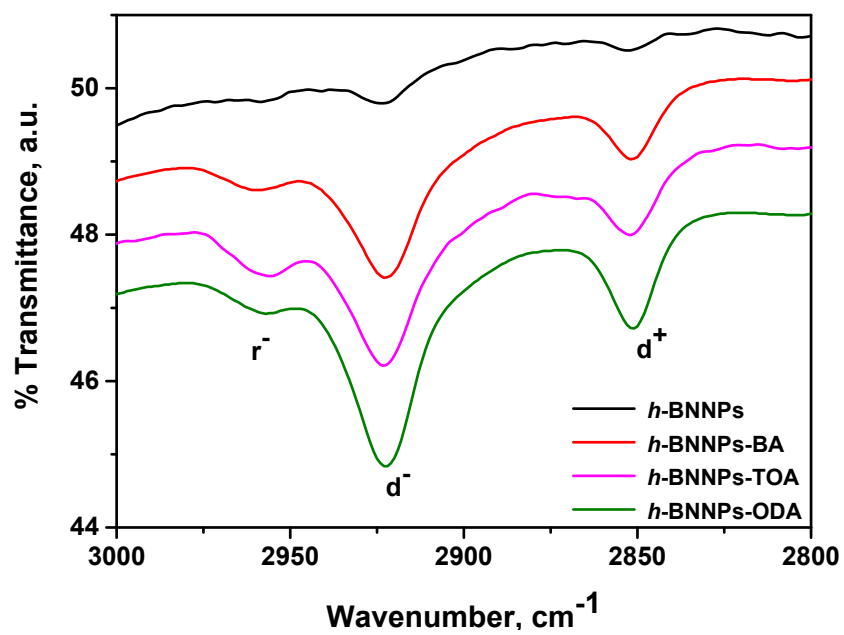
**Supporting Information**

**On**

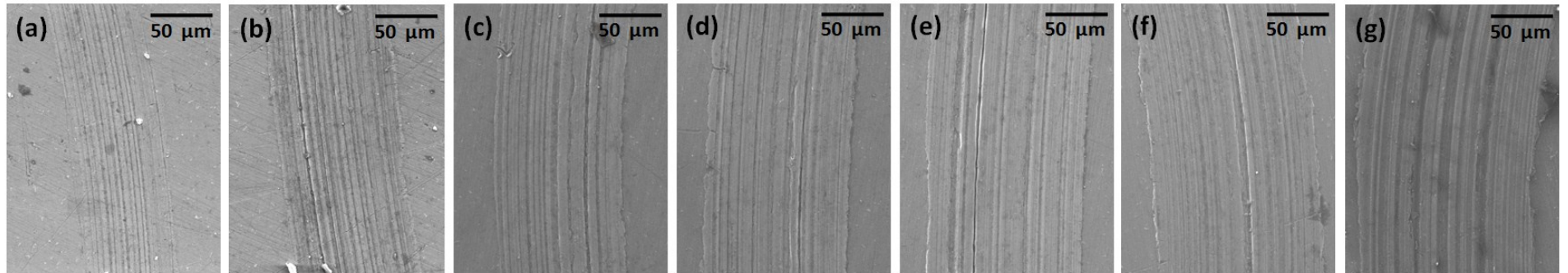
**Alkylamines-Functionalized Hexagonal Boron Nitride  
Nanoplatelets as Novel Material for Reduction of Friction  
and Wear†**

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**Figure S1:** FTIR spectra of *h*-BNNPs, *h*-BNNPs-BA, *h*-BNNPs-ODA and *h*-BNNPs-TOA samples highlighting the C-H stretching region.



**Figure S2.** Changes in wear track width on the aluminium disc as a function of increasing applied load (a) 100, (b) 200, (c) 300, (d) 400, (e) 500, (f) 600, (g) 700 mN using *h*-BNNPs-TOA-blended mineral lube base oil ( $0.02 \text{ mg.mL}^{-1}$ ). Cyclic speed: 50 rpm and number of cyclic laps: 2000.