

## Supporting Information

# “Green” Synthesis of Nanocarbons for Reduced Friction and Wear

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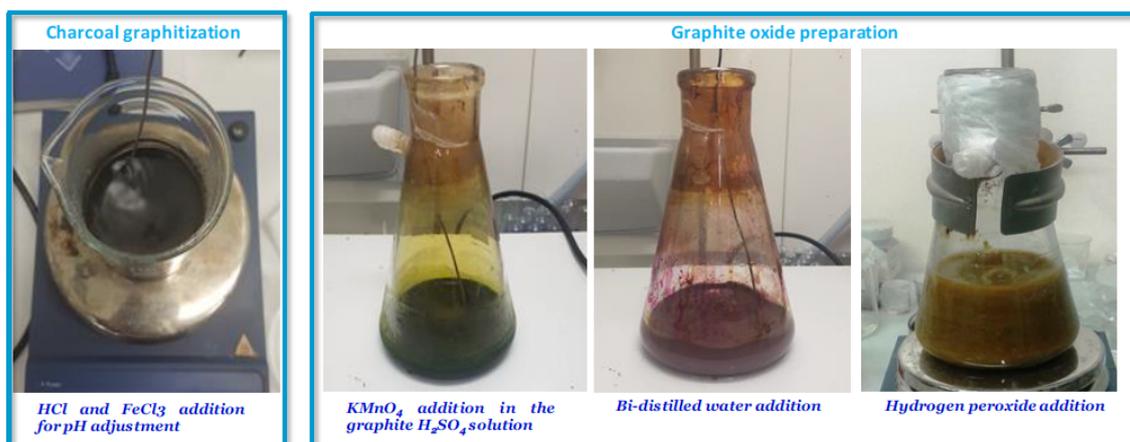


Figure S1. Photos of different synthesis steps.

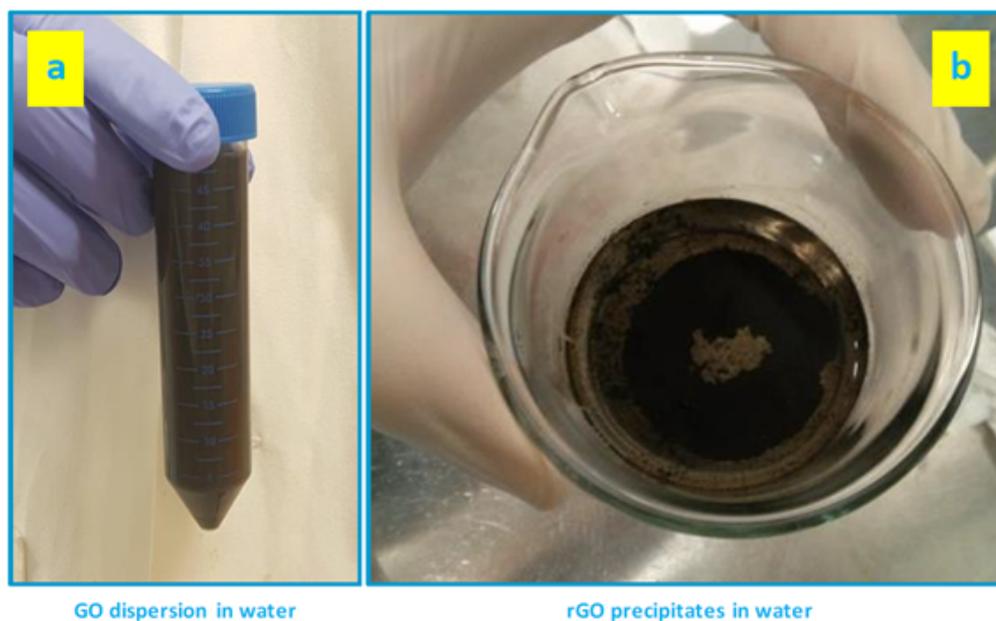
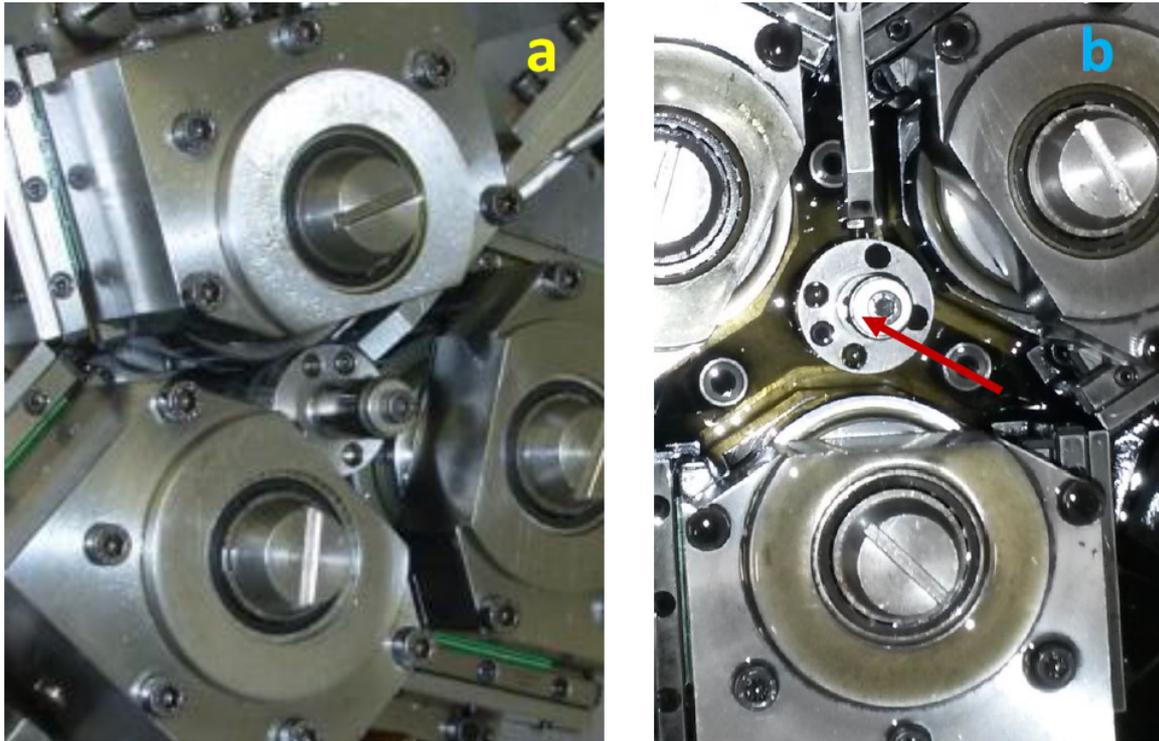


Figure S2. Photos of: GO dispersion in water (a), rGO precipitates in water (b).



**Figure S3.** Photo of a tribometer 4 disk, clean before lubrication (a); and, after test of 24 h, in the presence of SYNPLUS 75W-90 + SDBS + Tween 80 + few-layer graphene at 0.1 wt. % (b).