## Supplementary information

## Investigating the influence of novel chemical modification process on enhancing the

## tribological behavior of high oleic soybean oil

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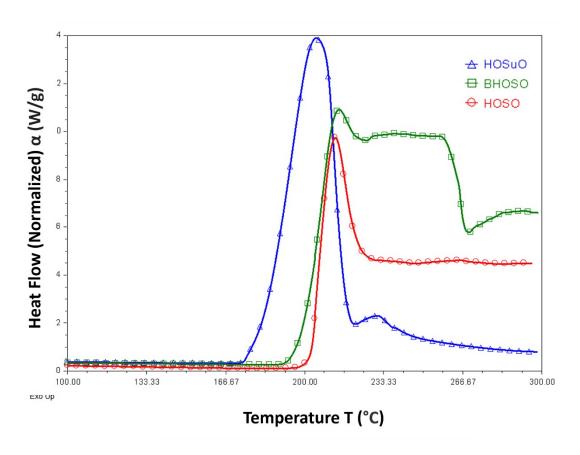


Figure S1. Thermal analyses curves of HOSO, BHOSO, and HOSuO.

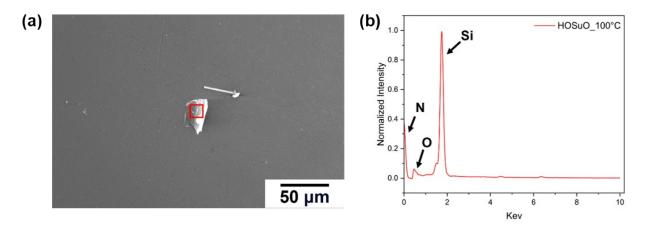


Figure S2. (a) SEM image (b) EDS analysis of HOSuo ball sample