## **Supporting Information**

Synergistic and Competitive Effects Between ZDDP and Modern Generation of Additives in Engine Oil.

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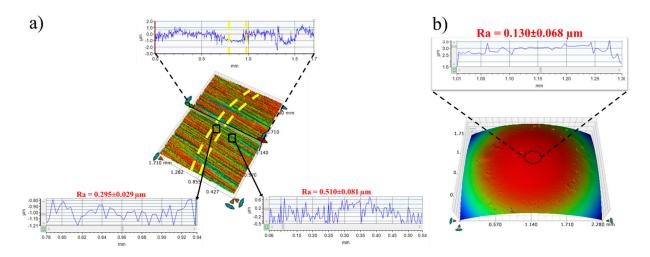


Figure S1: 3D image and scanning profile of the disc (a) and ball (b) wear track of ZDDP tribotest.

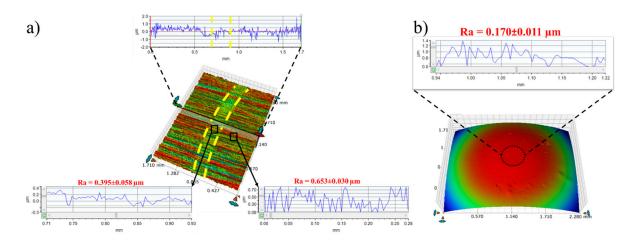


Figure S2: 3D image and scanning profile of the disc (a) and ball (b) wear track of pure CPCa tribotest.

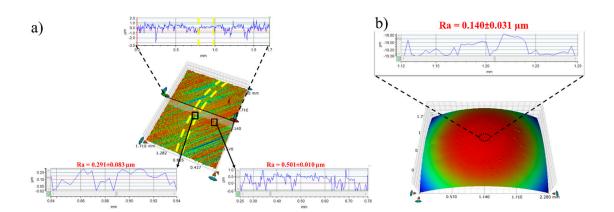


Figure S3: 3D image and scanning profile of the disc (a) and ball (b) wear track of Ni tribotest.

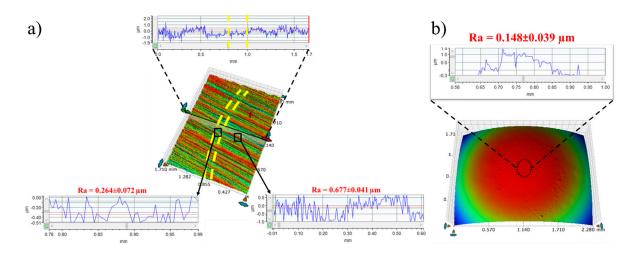


Figure S4: 3D image and scanning profile of the disc (a) and ball (b) wear track of ZDDP+Ni tribotest.

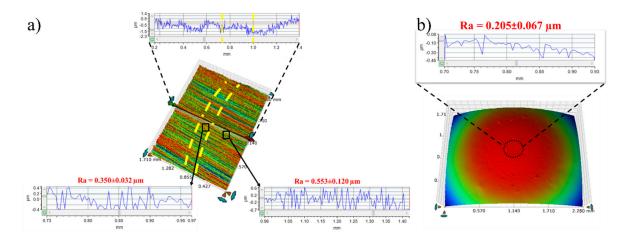


Figure S5: 3D image and scanning profile of the disc (a) and ball (b) wear track of ZDDP+CPCa tribotest.