

## Supplementary information

### Analyzing the Effect of Isopropylation on Regular and High Oleic Soybean oil: A Lubrication Behavior Perspective

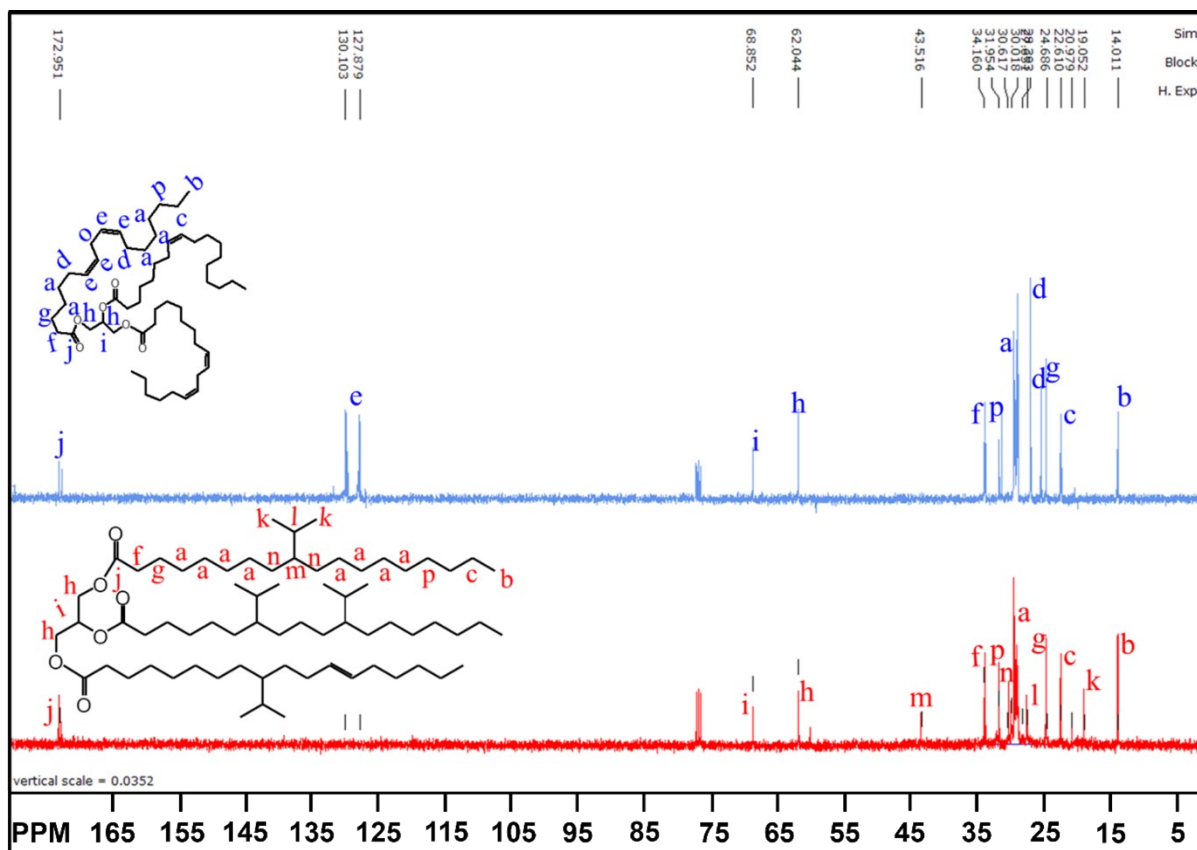
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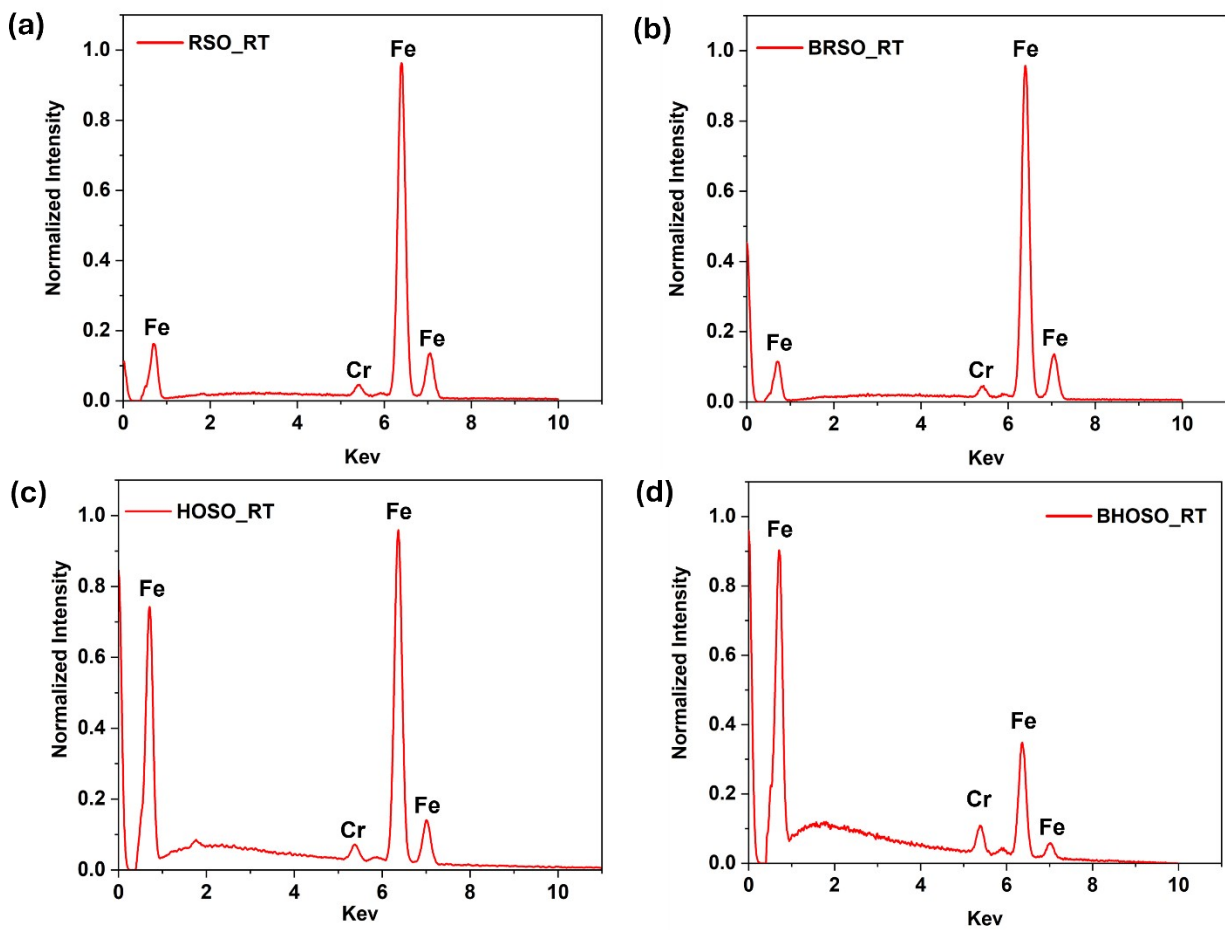
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**Figure S1.** Comparison between the  $^{13}\text{C}$  NMR of the RSO (top blue line) and BRSO (bottom red line). Spectral peaks are assigned with their corresponding carbons in letters.



**Figure S2.** EDS analyses of the test samples at room temperature (a) RSO (b) BRSO (c) HOSO (d) BHOSO