## Supporting information

## Hindered Phenol Derivative as a Multifunctional Additive in Lithium Complex Grease

Mianran Chao,<sup>†,‡</sup> Weimin Li,<sup>†</sup> Lvfeng Chen,<sup>§</sup> Xiaobo Wang<sup>\*,†</sup>

<sup>†</sup>State Key Laboratory of Solid Lubrication, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou 730000, PR China

<sup>‡</sup>University of Chinese Academy of Sciences, Beijing 100049, PR China

<sup>§</sup>Lanzhou Lubricating Oil Plant, PetroChina, Lanzhou 730000, PR China

## **AUTHOR INFORMATION**

## **Corresponding Author**

\*Tel.: +86-931-4968285. Fax: +86-931-8277088. E-mail: wangxb@licp.cas.cn.

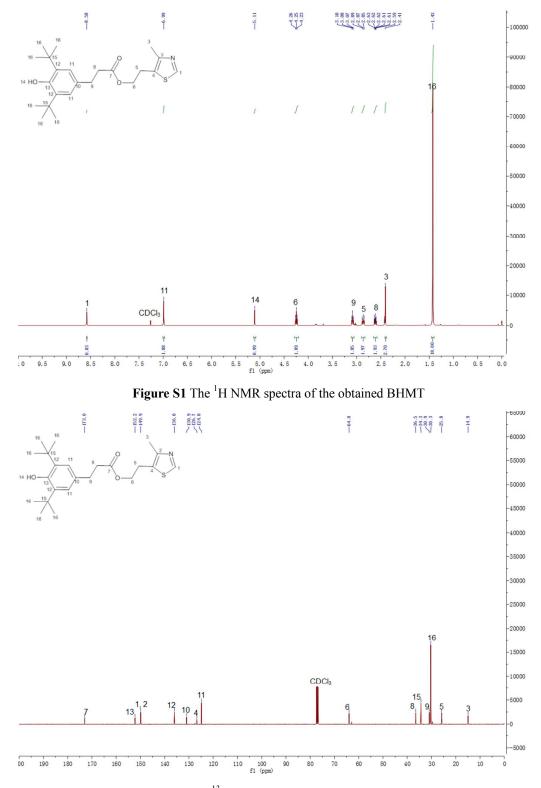


Figure S2 The <sup>13</sup>C NMR spectra of the obtained BHMT