

Supplementary Materials: Study of the Effect of Physicochemical Degradation and Contamination of Motor Oils on Their Lubricity

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1. Photo Documentation of Wear Surfaces of Steel Rollers from the Lubricity Test of Motor Oils According to Reichert

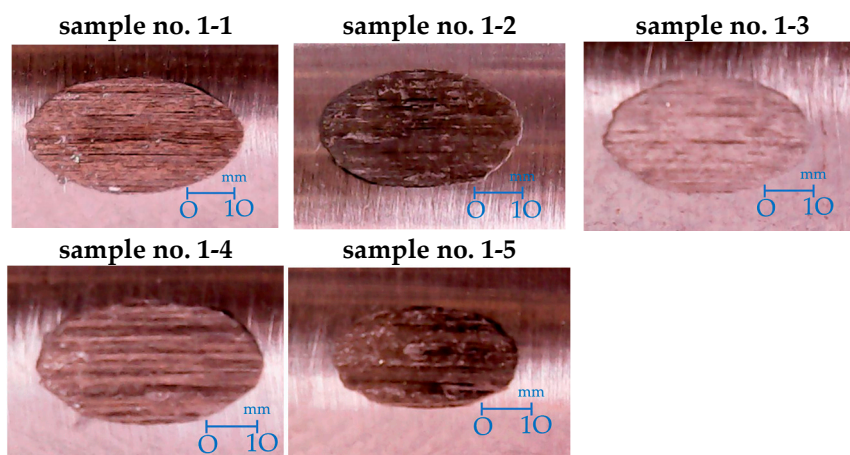


Figure 1-1. The wear surfaces of steel rollers from the lubricity test of motor oils M7ASD III.

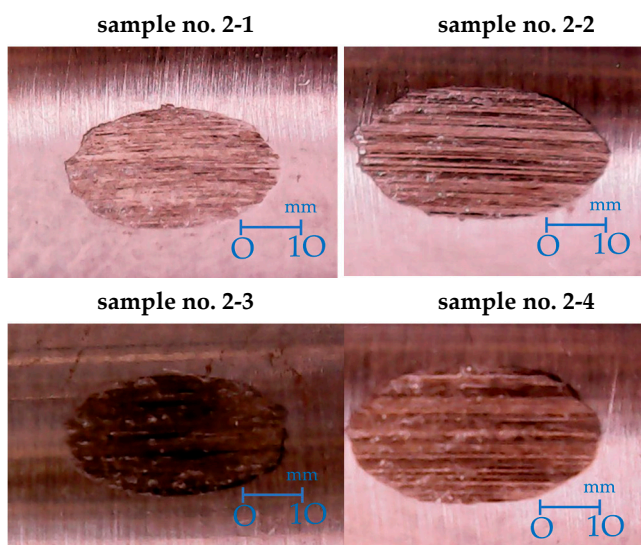


Figure S1-2. The wear surfaces of steel rollers from the lubricity test of motor oils M7ASD V.

Citation: Sejkorová, M.; Hurtová, I.; Jilek, P.; Novák, M.; Voltr, O. Study of the Effect of Physicochemical Degradation and Contamination of Motor Oils on their Lubricity. *Coatings* **2021**, *11*, 60. <https://doi.org/10.3390/11010060>

Received: 19 October 2020
Accepted: 31 December 2020
Published: 7 January 2021

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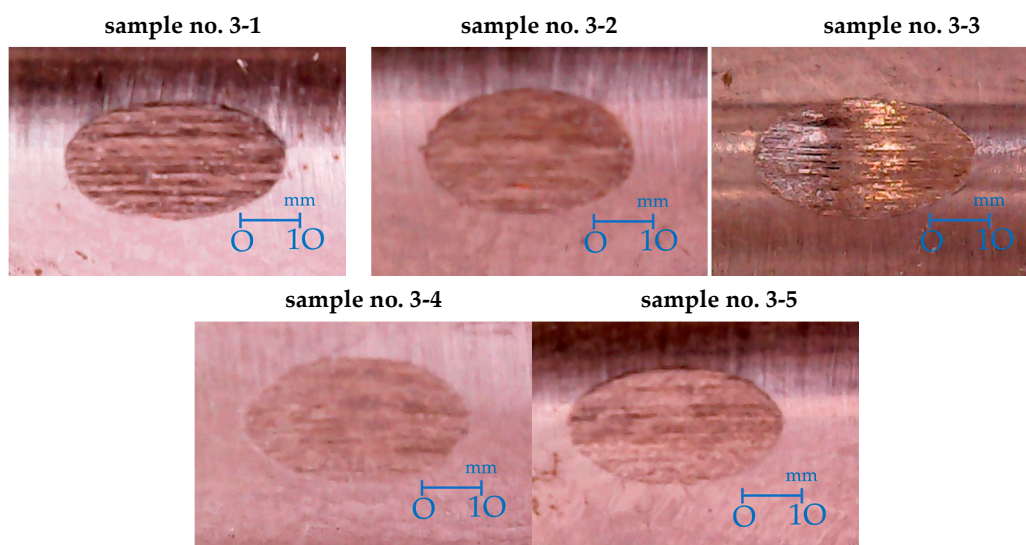


Figure S1-3. The wear surfaces of steel rollers from the lubricity test of motor oils URANIA LD.

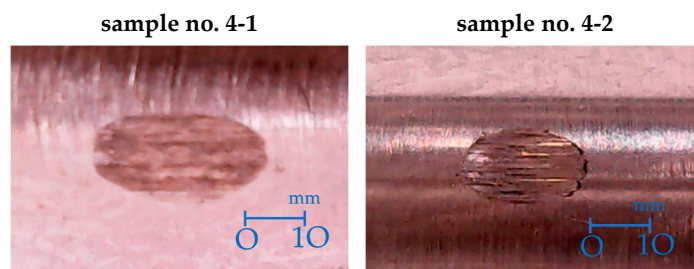


Figure S1-4. The wear surfaces of steel rollers from the lubricity test of motor oils OMV motor oils.

2. The Spectra of Motor Oils, on the Basis of which the Content of Antioxidant and Anti-Wear Additive ZDDP, Soot, Fuel, Water, and Oxidation, Nitration and Sulfation Products WAS Determined.

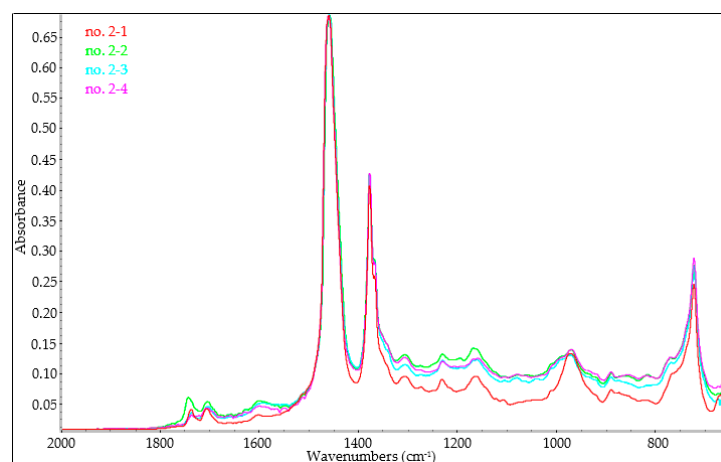


Figure S2-1. FTIR spectrum of motor oils M7ADS III.

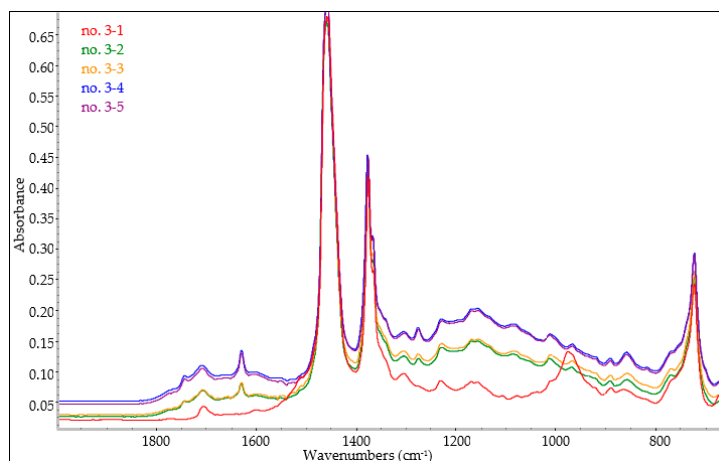


Figure S2-2. FTIR spectrum of motor oils M7ADS V.

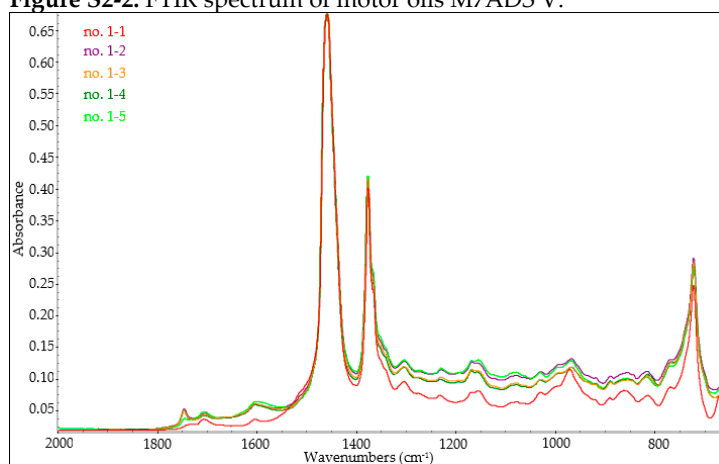


Figure S2-3. FTIR spectrum of motor oils URANIA LD.

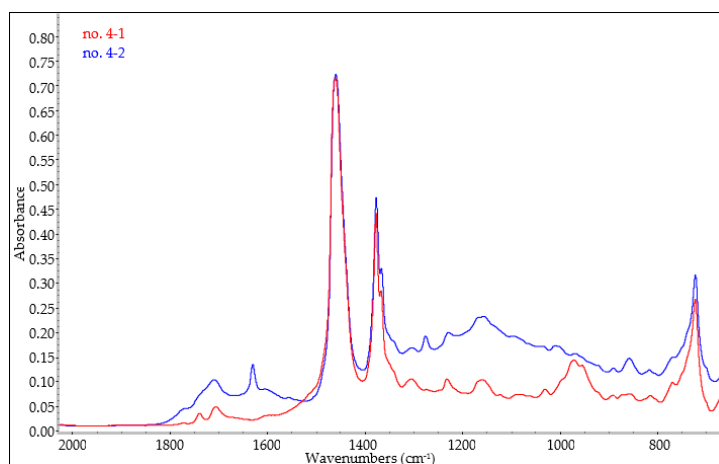


Figure S2-4. FTIR spectrum of motor oils OMV.