

Supplementary Data

This supplementary data is a part of a paper entitled "Synthesis and Characterization of Novel Terpolymers as Viscosity Index Improvers Using Industrial Waste for Iraqi Lubricating Oil".

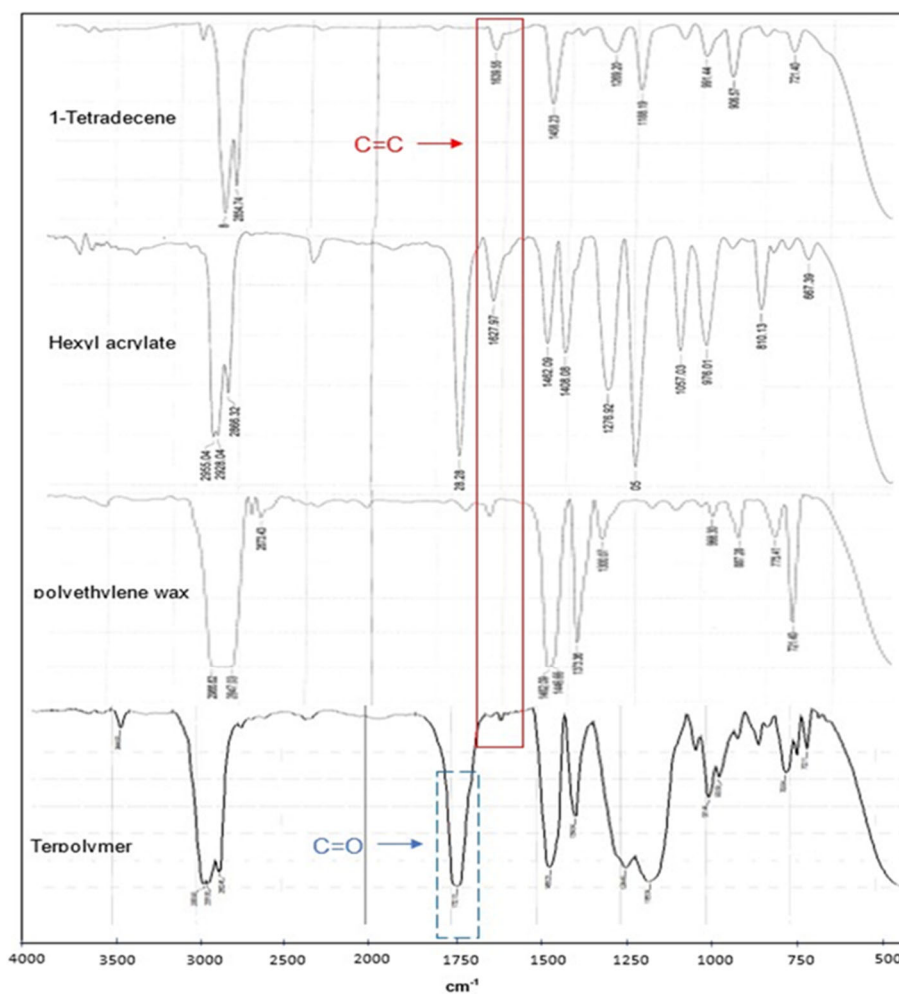


Fig S1. Comparison between FTIR spectra for monomers (hexyl acrylate, 1-tetradecene, and polyethylene wax) and produced terpolymer w3

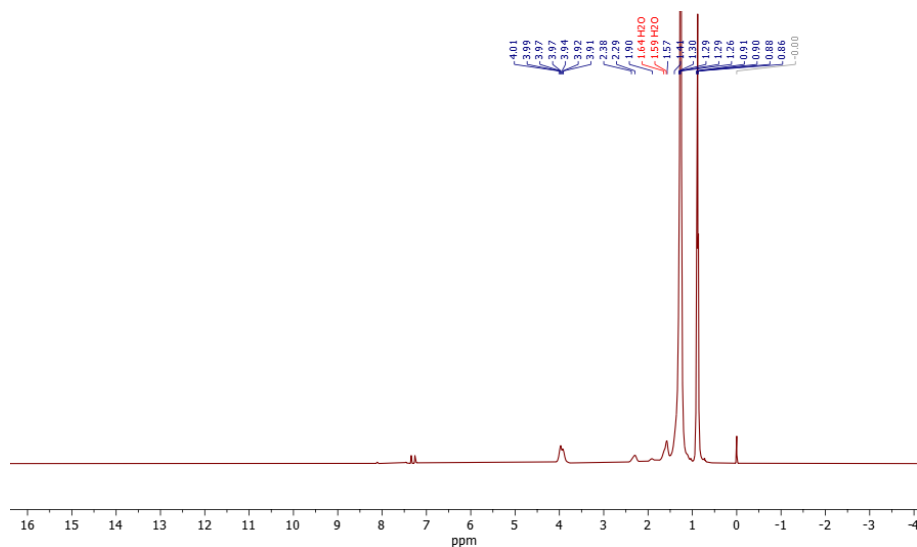


Fig S2. ¹H-NMR spectrum of terpolymer w1 in CDCl₃

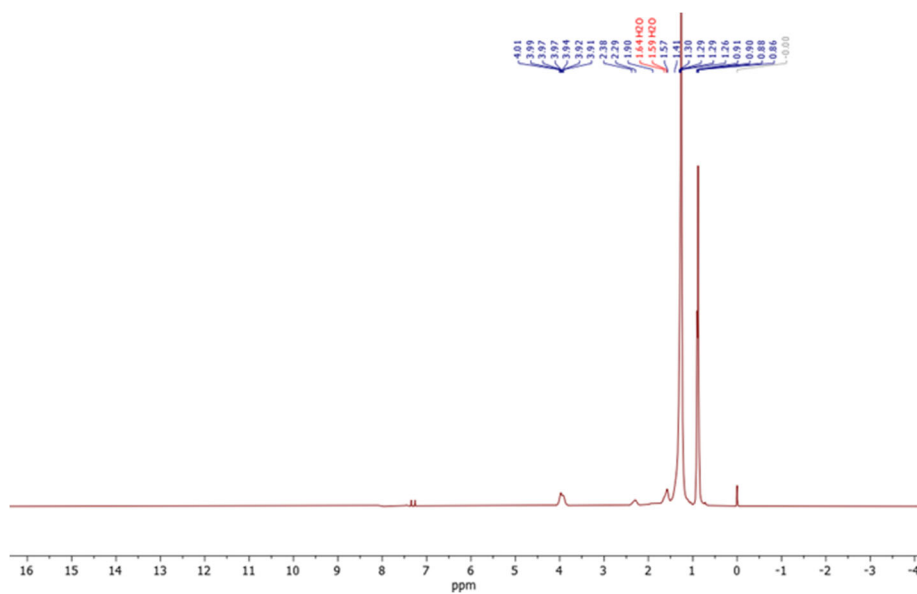


Fig S3. ¹H-NMR spectrum of terpolymer w2 in DMSO-*d*₆

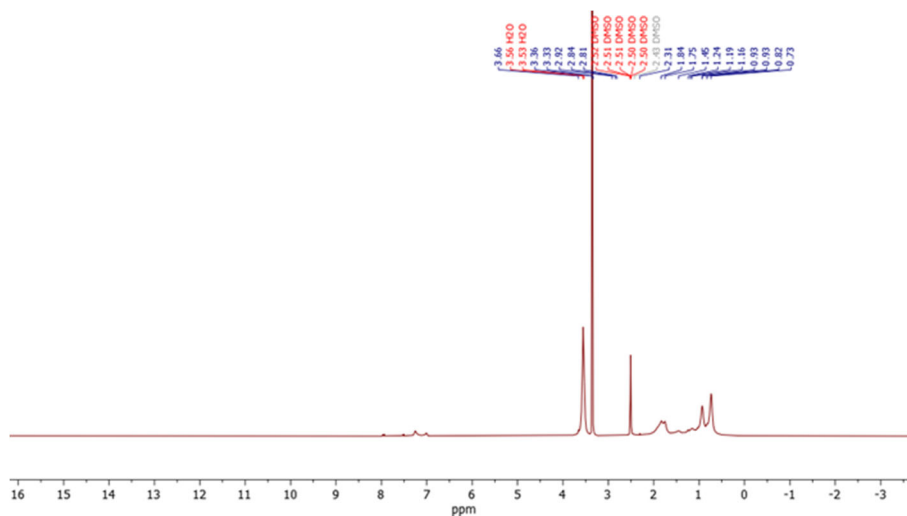


Fig S4. ¹H-NMR spectrum of terpolymer w3 in DMSO-d₆

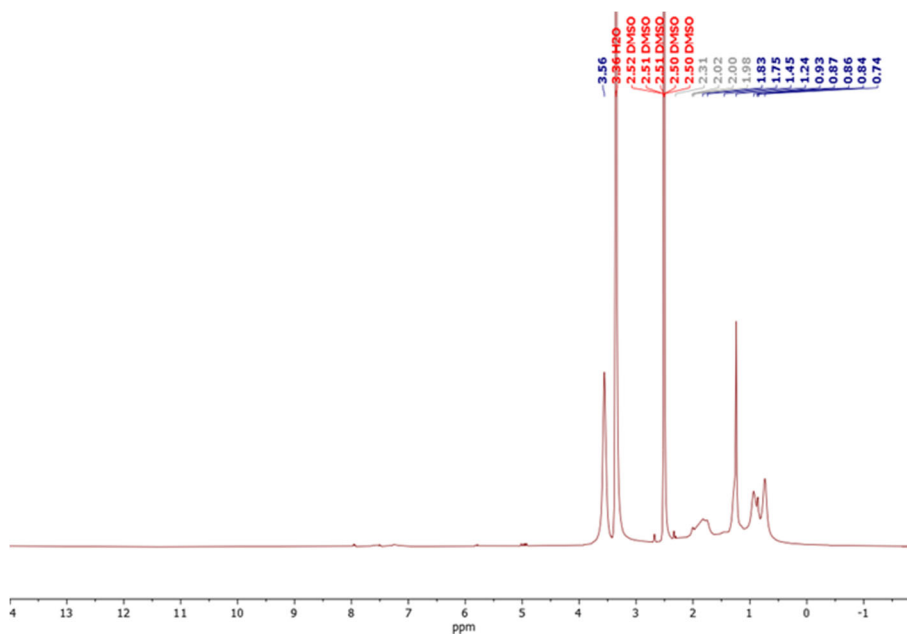


Fig S5. ¹H-NMR spectrum of terpolymer w4 in DMSO-d₆