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(54) **Title:** MICROENCAPSULATION OF LUBRICANT ADDITIVES

(57) **Abstract:** Provided is a lubricating oil including a nonpolar lubricating oil base stock as a major component and microcapsules as a minor component. The microcapsules includes (i) a core containing a polar solvent and one or more polar lubricating oil additives having solubility in the polar solvent, and (ii) optionally a shell or membrane enclosing the core. The solubility of the polar lubricating oil additives in the nonpolar lubricating oil base stock is improved as compared to solubility achieved using a lubricating oil containing polar lubricating oil additives in a nonpolar lubricating oil base stock and not containing the microcapsules. A method of improving solubility of polar lubricating oil additives in a nonpolar lubricating oil base stock is also provided. The lubricating engine oils of this disclosure can be useful in automotive, marine, aviation, and industrial engine and machine components.

