

## **HYDROCARBYL DISPERSANTS AND COMPOSITIONS CONTAINING THE DISPERSANTS**

### **Abstract of the Disclosure**

A dispersant for use as a lubricant additive, a lubricant composition and a method for improving engine performance. The dispersant includes at least one member selected from the group consisting of hydrocarbyl-substituted succinimides, hydrocarbyl-substituted amines, and Mannich base adducts derived from hydrocarbyl-substituted phenols condensed with aldehydes and amines. The hydrocarbyl substituent is composed of a polymerization product of a raffinate I stream and isobutylene having a number average molecular weight ranging from about 500 to about 3000 as determined by gel permeation chromatography and more than about 70 mol percent of the polymerization product having a terminal vinylidene group.