

ABSTRACTOIL SOLUBLE DISPERSANT ADDITIVES USEFUL IN OLEAGINOUS COMPOSITIONS

Hydrocarbyl substituted C₄ to C₁₀ monounsaturated dicarboxylic acid, anhydrides or esters, e.g. polyisobutenyl succinic anhydride, preferably made by reacting polymer of C₂ to C₁₀ monoolefin, preferably polyisobutylene, having a molecular weight of about 1500 to 5,000, preferably with a C₄ to C₁₀ monounsaturated acid, anhydride or ester, preferably maleic anhydride, such that there are 1.05 to 1.25 dicarboxylic acid producing moieties per molecule of said olefin polymer used in the reaction mixture. The resulting materials are useful per se as oil additives, or may be further reacted with amines, alcohols, amino alcohols, boric acid, etc. to form dispersants.