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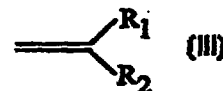
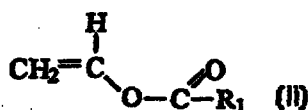
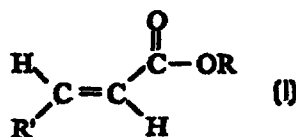
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(54) Title: LUBRICANT WITH A HIGHER MOLECULAR WEIGHT COPOLYMER LUBE OIL FLOW IMPROVER



(57) Abstract

A lubricant which comprises: a mineral oil basestock which has been dewaxed via catalytic cracking and/or catalytic isomerization; an alkylene-alkylene copolymer; and a lubricating oil flow improver formed from the reaction product of: (a) an unsaturated carboxy ester formed via the esterification of an unsaturated carboxylic acid or its corresponding anhydride with a monohydric aliphatic alcohol having an average carbon number of between about 10 to 18, the unsaturated carboxy ester having formula (I), wherein R' is selected from the group consisting of hydrogen and COOR and wherein R is a C₆ to C₂₂ alkyl group; and (b) a monomer selected from the group consisting of (i) a vinyl ester having formula (II), wherein R₁ comprises an alkyl group containing from 1 to 18 carbon atoms; (ii) an olefin having formula (III), wherein R₁ and R₂ can independently be hydrogen, an alkyl having from 1 to 28 carbon atoms, or a substituted aryl group, provided that both R₁ and R₂ are not hydrogen, the reaction product having a specific viscosity in the range between about 0.3 to 1.5, or a weight average molecular weight of between about 50,000 to 350,000 Daltons.