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(54) Title: SYNTHETIC LUBRICITY ADDITIVES FOR HYDROCARBON FUELS

(57) Abstract: Lubricity additives for hydrocarbon fuels are presented according to formula I: R1[(-O-R2)n-Q]p (I) wherein p is 3 or greater; each n is independently selected from integers equal to 2 or greater; R1 is a C3-C20 aliphatic hydrocarbon group of valence p which is branched or linear and which is substituted or unsubstituted; each R2 is independently selected from C2-C20 divalent aliphatic or aromatic hydrocarbon groups which are branched or linear and which are substituted or unsubstituted; and each Q is independently selected from -NH2 or a moiety according to formula II herein, wherein each R3 of formula II is independently selected from C8-C60 alkenyl groups which are substituted or unsubstituted, providing that at least one Q is the moiety according to formula II.



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