

Title (en)

MOTOR FUEL ADDITIVE COMPOSITION AND METHOD FOR PREPARATION THEREOF

Title (de)

MOTORBRENNSTOFFZUSATZMITTELZUSAMMENSETZUNG UND METHODE ZU IHRER HERSTELLUNG

Title (fr)

COMPOSITION ADDITIVE POUR CARBURANT DE MOTEUR ET PROCEDE DE PREPARATION DE LADITE COMPOSITION

Publication

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Application

EP 91905918 A 19910305

Priority

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Abstract (en)

[origin: WO9113949A1] A motor fuel additive composition comprises a mixture of:(a) from 5-50 weight percent, based upon the total weight of the additive, of a detergent component selected from the group consisting of (i) at least one nonionic compound having a molecular weight in the range of 200-1500, (ii) a reaction product of a substituted hydrocarbon and an amino compound, and (iii) a polybutylamine or polyisobutylamine; and (b) a fuel conditioner component comprising (i) from 2-50 weight percent, based upon the total weight of the additive, of a polar oxygenated hydrocarbon compound and (ii) from 2-50 weight percent, based upon the total weight of the additive, of an oxygenated compatibilizing agent. The fuel conditioner component may additionally comprise a hydrophilic separant, an aromatic hydrocarbon, or mixtures thereof. The additive may also additionally comprise a carrier oil or fluidizer. The additive is prepared by mixing together the detergent and fuel conditioner components, and is advantageous in that the detergent and fuel conditioner components synergistically interact to reduce both fuel intake system deposit formation and combustion chamber deposit formation, thereby inhibiting engine ORI.

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IPC 8 full level

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