

Title (en)

Use of dithioethylene derivatives as fluorocarbon elastomer compatibility improving agents

Title (de)

Verwendung von Dithioethylen-Derivaten als Additiv zur Verbesserung der Kompatibilität mit den Fluorokohlenstoffelastomeren

Title (fr)

Utilisation de dérivés du dithioéthylène en tant qu'agents améliorant la compatibilité avec les élastomères fluorocarbonés

Publication

EP 0918083 B1 20050209 (EN)

Application

EP 97309298 A 19971119

Priority

EP 97309298 A 19971119

Abstract (en)

[origin: EP0918083A1] The use of an effective amount of a dithioethylene derivative as an additive improving the compatibility of a lubricating oil formulation having dispersants containing basic nitrogen atoms, with fluorocarbon elastomer seals. That compound has the formula: <CHEM> wherein R and R<1> are independently alkoxycarbonyl, alkenyloxycarbonyl, aryloxycarbonyl, alkylcarbonyl, alkenylcarbonyl, arylcarbonyl, arylalkyl, or together form a carbocycle, and R<2> and R<3> are independently sulfurized alkyl, alkoxycarbonylalkyl, arylalkyl, or borated hydroxyalkyl, with the proviso that R, R<1>, R<2> and R<3> together contain sufficient carbon atoms to render the compound oil soluble in an oil of lubricating viscosity.

IPC 1-7

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IPC 8 full level

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