

Title (en)

Overbased detergents for lubricating oils containing a phosphorus organic derivative and lubricating compositions containing the same.

Title (de)

Überbasische Detergensmittel für Schmieröle, die ein organisches Derivat von Phosphor enthalten und diese enthaltende Schmierölzusammensetzungen.

Title (fr)

Détergents surbasés pour huiles lubrifiantes contenant un dérivé organique du phosphore et compositions lubrifiantes renfermant lesdits détergents.

Publication

EP 0438942 B1 19931020 (FR)

Application

EP 90403692 A 19901220

Priority

FR 8917349 A 19891228

Abstract (en)

[origin: EP0438942A1] Overbased detergent for lubricating oils, obtained by carbonation of a mixture containing a detergent chosen from alkali or alkaline-earth metal sulphonates, naphthenates, salicylates, phosphonates and thiophosphonates, an alkali or alkaline-earth metal oxide, hydroxide or alcoholate, a nitrogenous and/or oxygen-containing promoter, at least 3 % by weight of phosphorus in the form of a nonmetallic organic derivative, a hydrocarbon solvent and optionally a diluent oil and water. These detergents contain 0.5 to 10 % and preferably 1 to 5 % by weight of phosphorus. They have greatly improved antiwear and antioxidant properties.

IPC 1-7

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IPC 8 full level

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C-Set (source: EP)

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