

Title (en)

Lubricating oil compositions, concentrates and the use thereof.

Title (de)

Schmierölzusammensetzungen, Konzentrate und ihre Verwendung.

Title (fr)

Compositions d'huiles lubrifiantes, concentrées et leur utilisation.

Publication

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Application

**EP 91311710 A 19911217**

Priority

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Abstract (en)

Oleaginous compositions and additive concentrates therefor having enhanced performance characteristics comprise at least a) one or more oil-soluble metal dihydrocarbyl dithiophosphates or dithiocarbamates; and b) one or more oil-soluble additive compositions formed by heating concurrently or in any sequence at least one ashless dispersant which contains basic nitrogen and/or at least one hydroxyl group with (i) at least one inorganic phosphorus acid or anhydride, or at least one partial or total sulfur analog thereof, or any combination of the foregoing; or (ii) at least one water-hydrolyzable organic phosphorus compound and water; and (iii) at least one boron compound; such that a phosphorus- and boron-containing liquid composition is formed, and from which excessive water, if present, has been removed at least during or after heating with (ii), if used.

IPC 1-7

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