

Title (en)

ADDITIVE COMPOSITION AND GEAR LUBRICANT COMPOUNDED THEREWITH.

Title (de)

ADDITIVGEMISCH UND DAMIT LEGIERTES GETRIEBESCHMIERMITTEL.

Title (fr)

COMPOSITION ADDITIVE ET LUBRIFIANT POUR ENGRENAGES COMBINE AVEC CELLE-CI.

Publication

EP 0313628 B1 19931124 (EN)

Application

EP 88904352 A 19880429

Priority

US 4775487 A 19870507

Abstract (en)

[origin: WO8808874A2] A number of functional characteristics of a gear lubricant are improved by including within the lubricant an additive package comprised of (a) a treated zinc dithiophosphate and (b) an overbased carboxylate which is preferably borated. The additive preferably includes (c) an alkylamine, (d) a sulfurized olefin and (e) a polymeric foam inhibitor. The components of the package provide an interdependent synergistic improvement of numerous performance characteristics of the gear lubricant such as reducing copper strip corrosion, increasing thermal stability and reducing the amount of rust, and odor. The limited slip or anti-chatter performance of the oil is also improved.

IPC 1-7

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IPC 8 full level

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