

Title (en)
LUBRICATING COMPOSITIONS CONTAINING SYNTHETIC ESTER BASE OIL, MOLYBDENUM COMPOUNDS AND THIADIAZOLE-BASED COMPOUNDS

Title (de)
SCHMIERMITTEL, ENTHALTEND SYNTHETISCHES ESTERGRUNDÖL, MOLYBDÄNVERBINDUNGEN UND VERBINDUNGEN AUF THIADIAZOL-BASIS

Title (fr)
COMPOSITIONS LUBRIFIANTES CONTENANT DE L'HUILE DE BASE D'ESTER SYNTHETIQUE, DES COMPOSES DE MOLYBDENE ET DES COMPOSES A BASE DE THIADIAZOLE

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Abstract (en)
[origin: WO2005035700A1] A lubricating composition providing excellent anti-wear protection for corrosion-resistant materials which comprises a major amount of a synthetic ester base oil, and a minor amount of a molybdenum compound and an anti-wear additive selected from the group consisting of 1,3,4-thiadiazole derivatives as an anti-wear additive, the reaction products of 2,5-dimercapto-1,3,4-thiadiazole dimers and poly(ether)glycols, and 2,5-dimercapto-1,3,4-thiadiazole monomer and mixtures thereof. Also described is a method for imparting anti-wear properties to a corrosion resistant material, comprising using the lubricating composition of the invention.

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Citation (search report)
• [A] WO 0055284 A1 20000921 - SHELL INT RESEARCH [NL], et al
• [X] US 5668092 A 19970916 - DENTON ROBERT M [US]
• See references of WO 2005035700A1

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