

Title (en)
LUBRICANT CONTAINING THIADIAZOLE DERIVATIVES

Title (de)
SCHMIERMITTEL MIT THIADIAZOLDERIVATEN

Title (fr)
LUBRIFIANT CONTENANT DES DÉRIVÉS DE THIADIAZOLE

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Abstract (en)
[origin: EP3683290A1] The present invention describes a lubricating composition comprising a) a major part of a base oil of lubricating viscosity wherein the base oil is selected from API Group I, II, III, IV, V, or mixtures thereof, b) a total of 0.001 to 0.536 wt.%, based on the total lubricating composition, of one or more monohydrocarbyl-substituted dimercaptiothiadiazole derivative(s) according to Formula (I), or a tautomer or salt thereof, below wherein R is methyl or C₂ to C₄ alkyl, wherein the total lubricating composition has a sulfur content of up to 2,500 ppm (wt.), c) less than 0.1 wt% phosphite. The invention further describes the use of the lubricating composition according to the invention for lubricating a driveline, a transmission, in particular a manual or automated transmission, a gear, an automated gear, or an axle, and for enhanced FZG test performance. The invention further relates to a method for preparing the lubricating composition of the invention.

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