

Title (en)
HYDRAULIC FLUIDS

Publication
EP 0023700 B1 19820127 (DE)

Application
EP 80104490 A 19800730

Priority
DE 2931974 A 19790807

Abstract (en)
[origin: EP0023700A1] 1. Hydraulic fluid consisting of a) 20 to 60 percent by weight, relative to the total weight of the fluid, of at least one boric acid ester of the formula I see diagramm : EP0023700,P8,F1 wherein R is an alkyl group with 1 to 6 carbon atoms, R**1 is an alkyl group with 1 to 10 carbon atoms, and x and y are an integer from 1 to 4, b) 35 to 80 percent by weight, relative to the total weight of the fluid, of at least one compound selected from the group consisting of b1) ethylene glycol monoalkyl ethers of the formula II R**3 (OCH2 CH2)n - OH wherein R**2 is an alkyl group with 1 to 6 carbon atoms and n is an integer from 1 to 6, b2) ethyleneglycol dialkyl ethers of the formula III R**3 (OCH2 CH2)n OR**4 wherein R**3 and R**4 are an alkyl group with 1 to 6 carbon atoms and n is an integer from 1 to 6 ; and b3) bis-(ethylene glycol monoalkyl ether)-formals of the formula IV R**5 (OCH2 CH2)n O - CH2 - O(CH2 CH2 O)n R**6 wherein R**5 and R**6 are an alkyl group with 1 to 6 carbon atoms and n is an integer from 1 to 6 ; and c) 0 to 10 percent by weight, relative to the total weight of the fluid, of at least one inhibitor.

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