

Title (en)
Lubricating oil composition

Title (de)
Schmierölszusammensetzung

Title (fr)
Composition d'huile lubrifiante

Publication
EP 0712925 A3 19960731 (EN)

Application
EP 95850199 A 19951110

Priority
JP 31116994 A 19941121

Abstract (en)
[origin: EP0712925A2] A lubricating oil composition useful for metal rolling essentially comprises water added in the range of from 5 to 89.95 percent by mass; an oxygen-containing compound added in the range of from 10 to 94.95 percent by mass and represented by the formula $R<1>O-(R<3>-O)_p-R<2>$ (I) where $R<1>$ and $R<2>$ each independently are hydrogen or hydrocarbon groups of 1-18 carbon atoms, $R<3>$ is an alkylene group of 1-6 carbon atoms, p is an integer of 1-30; and a salt of fatty acid added in the range of from 0.05 to 10 percent by mass and selected from the group consisting of an alkaline metal salt of fatty acid of 6-22 carbon atoms, a salt of fatty acid of 6-22 carbon atoms and an alkanol amine of 1-15 carbon atoms, and a salt of fatty acid of 6-22 carbon atoms and a nitrogen-containing compound of the formula $<CHEM>$ where $R<4>$ is a hydrocarbon group of 1-24 carbon atoms, $R<5>$ is an ethylene or propylene group, q is an integer of 1-30, X is hydrogen, a hydrocarbon group of 1-24 carbon atoms or a group of the formula $-(R<6>-O)_rH$ where $R<6>$ is an ethylene or propylene group and r is an integer of 1-30; the sum of the water and the compound of the formula (I) being in the range of from 80 to 99.95 percent by mass based on total composition. The components as defined and their contents as specified are conducive to improved rolling performance and high surface gloss of rolled products.

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