

Title (en)
EMULSION COMPOSITION

Title (de)
EMULSIONSZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'EMULSION

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Application
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Abstract (en)
[origin: WO2006076368A1] The present invention provides an emulsion composition containing (a) a first phase with (i) an oil soluble inert medium; and (ii) an emulsifier capable of forming a water-in-oil emulsion; and (b) a second phase with (i) a metal base; (ii) an aqueous medium; and (iii) optionally a compound containing two or more hydroxyl groups, wherein a base in the form of an alkali metal or an alkaline earth metal oxide, hydroxide, carbonate, bicarbonate; or combinations thereof; and wherein the emulsion composition has a flow rate through a 45 µm filter of more than 8 ml/min in a filterability test carried out at ambient temperature and 45 kPa applied vacuum; wherein the filter has diameter of 5cm and a mesh size of about 45 µm; and wherein the oil soluble inert medium in the filtration test is an oil of lubricating viscosity of a SAE 50 base oil. The invention further provides a method of preparing the emulsion composition and its use in a marine engine.

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