

Title (en)

USE OF A MARINE LUBRICATING OIL COMPOSITE ADDITIVE

Title (de)

VERWENDUNG VON SCHMIERÖLKONZENTRATEN FÜR SCHIFFSÖLE

Title (fr)

UTILISATION D' UN ADDITIF COMPOSITE D'HUILE LUBRIFIANTE MARINE

Publication

EP 2497817 B1 20161221 (EN)

Application

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Priority

CN 201110057541 A 20110310

Abstract (en)

[origin: EP2497817A1] The present invention relates to a marine lubricating oil composite additive. Based on the total weight of the composite additive, said marine lubricating oil composite additive comprises: 25-45% sulfonate detergent with superhigh base number, 40-60% phenolate detergent with low base number, 0-8% dispersing agent, 0-4% antiwear agent, and 10-20% Group I base oil with high viscosity index which is selected from the group consisting of 400SN, 500SN and 600SN. The composite additive according to the present invention can satisfy the requirement of BOB system about the viscosity and base number, and can be blended with many system oils under a number of domestic and foreign brands so as to provide cylinder lubricating oils with different base numbers. The composite additive according to the present invention has good adaptability and excellent performances in terms of antiwear, antioxidization and high temperature dergency, which meet the requirement of marine engines about the performance of cylinder lubricating oils. Moreover, the composite additive according to the present invention is able to maintain good stability in the base oil of the system oil as well as good compatibility, and thus the lubricating performance of the cylinder lubricating oil will not be adversely affected.

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EP 1640442 A1 20060329 - AP MOELLER MAERSK AS [DK]

Cited by

US10240497B2; US10975739B2; EP2767578B1

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