

Title (en)
CYLINDER LUBRICANT FOR A TWO-STROKE MARINE ENGINE

Title (de)
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Title (fr)
LUBRIFIANT CYLINDRE POUR MOTEUR MARIN DEUX TEMPS

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Application
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Abstract (en)
[origin: WO2012140215A1] The present invention relates to a cylinder lubricant having a BN determined according to the ASTM D-2896 standard of at least 15 milligrams of potassium hydroxide per gram of lubricant, comprising: (a) one or more lubricating base oils for a marine engine, (b) at least one detergent based on alkali or alkaline-earth metals, which detergent is overbased by metal carbonate salts, (c) at least one neutral detergent, (d) one or more alkoxyated fatty amines soluble in the oil and having a BN determined according to the ASTM D-2896 standard of between 100 and 600 milligrams of potassium hydroxide per gram, where the weight percentage of alkoxyated fatty amines with respect to the total weight of lubricant is chosen so that the BN provided by these compounds represents a contribution of between of 2 and 8 milligrams of potassium hydroxide per gram of lubricant, and where the BN provided by the metal carbonate salts represents a contribution of at most 65% of the total BN, measured according to the ASTM D-2896 standard, of said cylinder lubricant. Said lubricant has a sufficient neutralizing power with respect to the sulphuric acid formed during the combustion of fuels having a high sulphur content, while limiting the formation of deposits during the use of fuels having a low sulphur content. Its thermal resistance and its anti-wear properties are improved.

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