

ABSTRACT OF THE DISCLOSURE

DIESEL ENGINE LUBRICATING OIL COMPOSITION FOR LARGE-BORE TWO-STROKE CROSS-HEAD DIESEL ENGINES

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A lubricating oil composition comprising a base oil of lubricating viscosity having a kinematic viscosity of 22 to 300 mm²/s at 40°C and dissolved or dispersed therein the following additives in the following amounts based on a total amount of the lubricating oil composition:

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(1) an overbased sulfurized alkylphenol calcium salt detergent in an amount of 0.5 to 1.0 wt.% in terms of calcium content,

(2) an overbased calcium alkylbenzenesulfonate detergent in an amount of 1.5 to 2.1 wt.% in terms of calcium content,

15

(3) a nitrogen-containing ashless dispersant in an amount of 0.005 to 0.1 wt.% in terms of nitrogen content, and

(4) a zinc dihydrocarbyldithiophosphate in an amount of 0.01 to 0.1 wt.% in terms of phosphorus content,

wherein the weight ratio of the overbased sulfurized alkylphenol calcium salt detergent to the overbased calcium alkylbenzenesulfonate detergent is in the range of 10:90 to 40:60 in terms of calcium content and wherein the lubricating oil composition has a total base number of 30 to 60 mg•KOH/g.

20

(No attached figure)