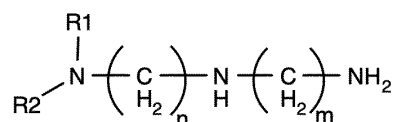


CLAIMS

1. Lubricant composition comprising:
 - at least one lubricant base oil,
 - at least one di-alkylaminopolyalkylamine responding to formula (I):

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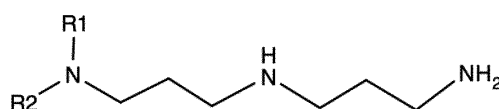


(I)

wherein,

- R1, R2 represent, independently, an alkyl moiety with 1 to 3 carbon atoms, which is linear or branched,
 - n and m are integers representing, independent of each other either 1, 2, or 3, and
 - the total number of carbon atoms in formula (I) is from 4 to 10.
2. The lubricant composition according to claim 1, wherein in formula (I), R1= R2=CH₃.
 3. The lubricant composition according to claim 1, wherein the di-alkylaminopolyalkylamine (I) responds to formula (IA):

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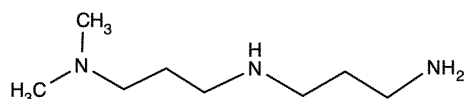


(IA)

wherein R1, R2 represent, independently, an alkyl moiety with 1 or 2 carbon atoms.

4. The lubricant composition according to anyone of claims 1 to 3, wherein the di-alkylaminopolyalkylamine responding to formula (I) is dimethylaminopropylaminopropylamine (DMPAPA):

20



5. The lubricant composition according to anyone of claims 1 to 4, wherein the percentage by weight of di-alkylaminopolyalkylamine of formula (I), particularly DMAPAPA, relative to the total weight of lubricant composition is chosen such that the

5 BN provided by the di-alkylaminopolyalkylamine of formula (I) represents a contribution of at least 0.1 milligrams of potash per gram of lubricant, relative to the total BN of said lubricant.

6. The lubricant composition according to anyone of claims 1 to 5, wherein the percentage by weight of di-alkylaminopolyalkylamine of formula (I), particularly DMAPAPA,

10 relative to the total weight of the lubricant composition ranges from 0.05 to 10%.

7. The lubricant composition according to anyone of the preceding claims, wherein it comprises:

- from 90.00 to 99.95 % of at least one base oil,
 - from 0.05 to 10.00 % of at least one di-alkylaminopolyalkylamine of
- 15 formula (I), particularly DMAPAPA,
- the percentages being defined by weight of component as compared to the total weight of the composition.

8. The lubricant composition according to anyone of claims 1 to 6, wherein it comprises at least one detergent (Det) selected from neutral and overbased detergents having a Total

20 Base Number according to ASTM D2896 of from 20 to 500 mg KOH/g.

9. The lubricant composition of claim 8, wherein it comprises from 1 to 35% weight of neutral and overbased detergents, with regards to the total weight of the lubricant composition.

10. The lubricant composition of claim 9, wherein it comprises:

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- from 60.0 to 98.5 % of at least one base oil,
- from 0.5 to 5.0% of at least one amine of formula (I), preferably DMAPAPA,

- from 1.0 to 35.0 % of at least one detergent selected from neutral and overbased detergents having a Total Base Number according to ASTM D2896 of from 20 to 500 mg KOH/g

the percentages being defined by weight of component as compared to the total weight
5 of the composition.

11. The lubricant composition according to anyone of claims 1 to 10, which has a Total Base Number (TBN) value according to ASTM D2896 of above 10 mg KOH/g.

12. The lubricant composition according to anyone of claims 1 to 11, which has a kinematic viscosity at 100°C superior or equal to 5.6 mm²/s and inferior or equal to 26.1
10 mm²/s.

13. Use of a lubricant composition according to anyone of claims 1 to 12 for improving the kinematic neutralization of sulphuric acid and/or sulphurous acid in the hot section of a marine engine, notably of a two-stroke marine engine.

14. A method for lubricating a marine engine, and more particularly a two-stroke marine
15 engine, comprising operating the engine with the lubricant composition according to anyone of claims 1 to 12.