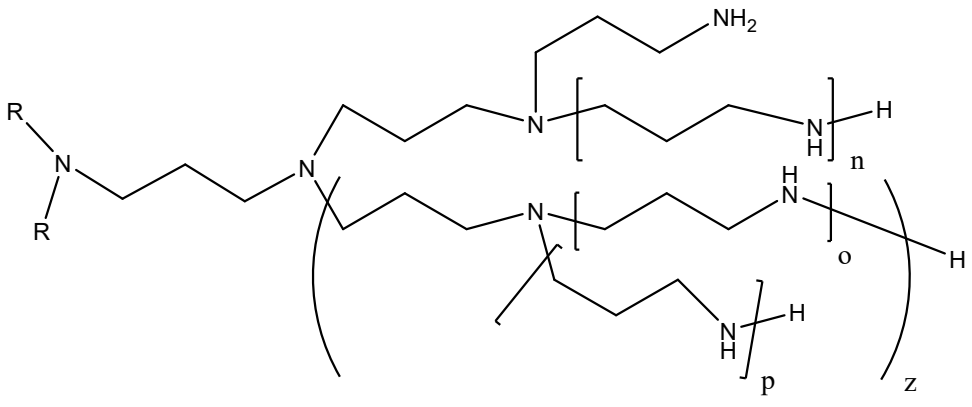
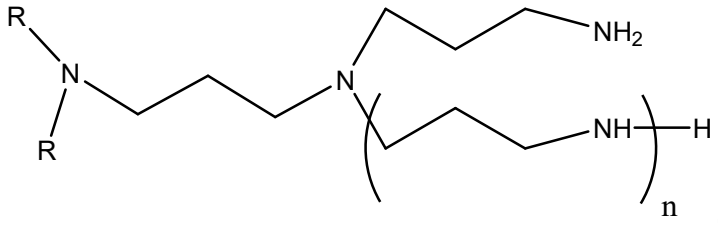
CLAIMS

1. Use of one or more fatty amines soluble in a lubricant composition comprising at least one detergent to reduce and/or control abnormal gas combustion in a marine engine, the amine/detergent weight ratio being between 0.01 and 1, wherein the fatty amine is selected from among a mixture of fatty polyalkylamines comprising one or more polyalkylamines of formulas (III) and/or (IV):



(III),



(IV)

where:

- R, the same or different, is a linear or branched alkyl group having 8 to 22 carbon atoms;
- n and z are each independently 0, 1, 2 or 3; and
- when z is higher than 0, o and p are each independently 0, 1, 2 or 3,

said mixture comprising at least 3 weight % of branched compounds such that at least one of n or z is 1 or higher, or the derivatives thereof.

2. The use according to any of the preceding claims, wherein the fatty amine represents from 0.1 to 10 weight % relative to the total weight of the lubricant composition

3. The use according to any of the preceding claims, wherein the composition comprises at least one dispersant.

4. The use according to any of the preceding claims to reduce and/or control abnormal gas combustion in a marine pure gas or dual fuel engine, two-stroke or four-stroke.

5. The use according to any of the preceding claims, to reduce and/or control abnormal gas combustion in a marine engine caused by autoignition of the lubricant composition.

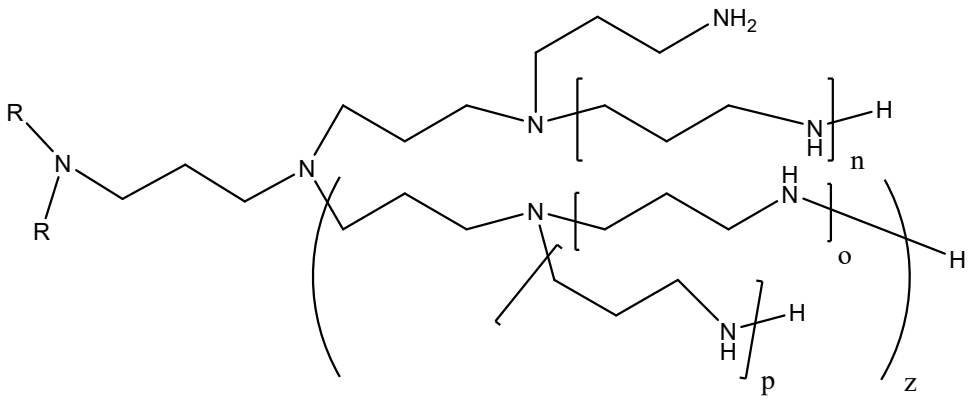
6. The use according to any of the preceding claims for any type of gas

7. Use of a lubricant composition comprising:

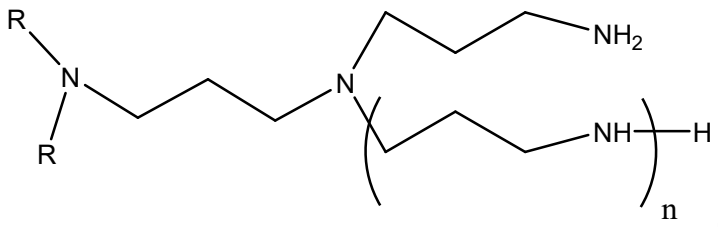
- at least one base oil;
- at least one fatty amine;
- at least one detergent,

the amine/detergent weight ratio being between 0.01 and 1,

the fatty amine being selected from among a mixture of fatty polyalkylamines comprising one or more polyalkylamines of formulas (III) and/or (IV):



(III),



(IV)

where:

- R, the same or different, is a linear or branched alkyl group having 8 to 22 carbon atoms;
- n and z are each independently 0, 1, 2 or 3; and

- when z is higher than 0, o and p are each independently 0, 1, 2 or 3,

said mixture comprising at least 3 weight % of branched compounds such that at least one of n or z is 1 or higher, or the derivatives thereof,

to:

- reduce and/or control abnormal gas combustion in a marine engine; and/or
- reduce and/or control abnormal gas combustion in a marine engine caused by autoignition of the lubricant composition.

8. The use according to claim 7, wherein the fatty amine represents from 0.1 to 10 weight % relative to the weight of the lubricant composition.

9. The use according to one of claims 7 or 8, wherein the detergent represents from 4 to 30 weight % relative to the weight of the lubricant composition.

10. The use according to one of claims 7 to 9, also comprising a dispersant.