**CLAIMS**

1. A low sulfur marine fuel trunk piston diesel engine lubricating oil composition comprising or made of admixing

(A) an oil of lubricating viscosity in an amount of 50 mass % or more of the composition; and, in respective amounts of less than 50 mass % of the composition,

(B) an overbased metal detergent comprising a metal salt of a surfactant selected from a hydrocarbyl-substituted phenol, a hydrocarbyl-substituted sulfonic acid, and a hydrocarbyl-substituted hydroxybenzoic acid;

(C) a zinc dihydrocarbyldithiophosphate in an amount of 50 to 500 ppm by weight in terms of P atoms as measured by ASTM D5185;

(D) optionally, an aminic anti-oxidant in an amount of up to 400, preferably in an amount up to 200 (preferably, when present, from 10 to 200) ppm by weight in terms of N atoms as measured by ASTM D5762; and

(E) a borated ashless dispersant in an amount of 10 to 500 ppm by weight in terms of B atoms as measured by ASTM D5185;

the composition having a TBN of 5 to less than 20, preferably 8 to 15, mg KOH/g as measured by ASTM D2896.

2. The composition of claim 1 where the oil of lubricating viscosity is a Group I and/or Group II base oil; preferably a Group I base oil.

3. The composition of claim 1 where (B) provides the composition with a soap level of 0.1 to 4, preferably 0.4 to 3.3 mass %.

4. The composition of any of claims 1-3 where, in (B), the surfactant is a hydrocarbyl-substituted hydroxybenzoic acid in the form of a hydrocarbyl-substituted salicylic acid.

5. The composition of claim 4 where the detergent also includes a sulfonate.

6. The composition of any of claims 1-5 where (C) is a primary and/or secondary zinc dialkyldithiophosphate.

7. The composition of any claims 1-6 where (D), if present, is an alkylated diphenylamine.

8. The composition of any of claims 1-7 where (E) is a borated succinimide.

9. A method for operating a four-stroke trunk piston engine comprising
   (i) fueling the engine with a low sulfur marine fuel, the fuel having a sulfur content equal to or less than 0.5 mass % of sulfur relative to the total weight of the fuel, as measured by ASTM D2622; and
   (ii) lubricating the engine with a lubricating oil composition as claimed in any of claims 1-8.

10. The method of claim 9 where the low sulfur marine fuel is a distillate fuel.