WHAT IS CLAIMED IS:

1. A marine diesel cylinder lubricating oil composition comprising:

(a) an oil of lubricating viscosity in an amount of at least 40 weight percent based on the weight of the lubricating oil composition, and

(b) a non-sulfur containing aromatic amine wherein the non-sulfur containing aromatic amine is diphenylamine, monoalkyldiphenylamine, dialkyldiphenylamine, ~~N-methyldiphenylamine, 4-butyldiphenylamine, 4,4'-dibutyldiphenylamine, 4-hexyldiphenylamine, 4,4'-dihexyldiphenylamine, 4-heptyldiphenylamine, 4,4'-diheptyldiphenylamine, 4-octyidiphenylamine, 4,4'-dioctyldiphenylamine , 4-nonyldiphenylamine, 4,4'-dinonyldiphenylamine, or 4-tetradecyldiphenylamine, 4,4'-ditetradecyldiphenylamine, p,p'-di .alpha.-methylbenzyl-diphenylamine; N-p-butylphenyl-N-p'-octylphenylamine, or bis(dialkylphenyl) amine~~N-phenylnaphthylamine, dinaphthylamine, phenylenediamine, alkylphenyl-1-naphthylamines, 1-naphthylamine, arylnaphthylamine, N,N′-diisopropyl-p-phenylenediamine, or N,N′-diphenyl-p-phenylenediamine;

wherein the marine diesel cylinder lubricating oil composition has a total base number (TBN) of 5 to 100 mg KOH/g; and further wherein the contribution of the non-sulfur containing aromatic amine to the TBN of the marine diesel cylinder lubricant oil composition is greater than 30%.

2. The marine diesel cylinder lubricant oil compositon according to claim 1, wherein the non-sulfur containing aromatic amine is selected from a diphenylamine, a N-phenylnaphthylamine, a dinaphthylamine, or a phenylenediamine.

3. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the non-sulfur containing aromatic amine is selected from alkylphenyl-1-naphthylamines, octylphenyl-1-naphthylamine, N-4-dodecylphenyl-1-naphthylamine; 1-naphthylamine; an arylnaphthylamine, phenyl-1-naphthylamine, phenyl-2-naphthylamine, N-hexylphenyl-2-naphthylamine, N-octylphenyl-2-naphthylamine, phenylenediamines, N,N′-diisopropyl-p-phenylenediamine, or N,N′-diphenyl-p-phenylenediamine.

4. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the non-sulfur containing aromatic amine is selected from N-methyldiphenylamine, 4-butyldiphenylamine, 4,4'-dibutyldiphenylamine, 4-hexyldiphenylamine, 4,4'-dihexyldiphenylamine, 4-heptyldiphenylamine, 4,4'-diheptyldiphenylamine, 4-octyidiphenylamine, 4,4'-dioctyldiphenylamine , 4-nonyldiphenylamine, 4,4'-dinonyldiphenylamine, 4-tetradecyldiphenylamine, 4,4'-ditetradecyldiphenylamine, p,p'-di-.alpha.-methylbenzyl-diphenylamine; N-p-butylphenyl-N-p'-octylphenylamine, or bis(dialkylphenyl) amine.

~~4~~5. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the contribution of the non-sulfur containing aromatic amine to TBN of the marine diesel cylinder lubricant oil composition is greater than 50%.

~~5~~6. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the contribution of the non-sulfur containing aromatic amine to TBN of the marine diesel cylinder lubricant oil composition is not greater than 75%.

7~~6~~. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the contribution of the non-sulfur containing aromatic amine to TBN of the marine diesel cylinder lubricant oil composition is between 30% and 95%.

8~~7~~. The marine diesel cylinder lubricant oil composition according to claim 1 further comprising a detergent selected from an alkyl-substituted hydroxyaromatic carboxylate, or an alkyl-substituted hydroxyaromatic compound.

9~~8~~. The marine diesel cylinder lubricant oil composition according to claim 1, wherein the non-sulfur containing aromatic amine has a total base number between 100 mg KOH/g and 600 mg KOH/g.

~~9~~10. The marine diesel cylinder lubricant oil composition according to claim 1 having the TBN between 5 and 70 mg KOH/g.

~~10~~11. A marine diesel cylinder lubricating oil composition comprising:

(a) an oil of lubricating viscosity in an amount of at least 40 weight percent based on the weight of the lubricating oil composition, and

(b) a non-sulfur containing aromatic amine, wherein the non-sulfur containing aromatic amine is diphenylamine, monoalkyldiphenylamine, dialkyldiphenylamine, N-phenylnaphthylamine, dinaphthylamine, phenylenediamine, alkylphenyl-1-naphthylamines, 1-naphthylamine, arylnaphthylamine, N,N′-diisopropyl-p-phenylenediamine, or N,N′-diphenyl-p-phenylenediamine~~N-methyldiphenylamine, 4-butyldiphenylamine, 4,4'-dibutyldiphenylamine, 4-hexyldiphenylamine, 4,4'-dihexyldiphenylamine, 4-heptyldiphenylamine, 4,4'-diheptyldiphenylamine, 4-octyidiphenylamine, 4,4'-dioctyldiphenylamine , 4-nonyldiphenylamine, 4,4'-dinonyldiphenylamine, or 4-tetradecyldiphenylamine, 4,4'-ditetradecyldiphenylamine, p,p'-di .alpha.-methylbenzyl-diphenylamine; N-p-butylphenyl-N-p'-octylphenylamine, or bis(dialkylphenyl) amine~~;

wherein the non-sulfur containing aromatic amine is present in an amount sufficient to increase oxidation stability of the marine diesel cylinder lubricating oil composition as determined by ASTM D-6186 by at least 5% compared to a marine diesel cylinder lubricating oil composition comprising a non-sulfur containing aromatic amine in an amount of less than 0.5 wt.%, and

wherein the contribution of the non-sulfur containing aromatic amine to the TBN of the marine diesel cylinder lubricant oil composition is greater than 30%.

~~11~~12. The marine diesel cylinder lubricating oil composition according to claim ~~10~~11, wherein the oxidation stability is increased by at least 7%.