WHAT IS CLAIMED IS:

1. A marine diesel lubricating oil composition comprising:

(a) a major amount of an oil of lubricating viscosity; and

(b) 0.1 wt. % to 10 wt. % actives, based on the total weight of the lubricating oil composition, of at least one Mannich reaction product prepared by the condensation of a polyisobutyl-substituted hydroxyaromatic compound, wherein the polyisobutyl group is derived from polyisobutene containing at least 70 wt. % methylvinylidene isomer and has a number average molecular weight of from 400 to 2500, an aldehyde, an amino acid or ester derivative thereof, and an alkali metal base;

wherein the lubricating oil composition has a Base Number (BN) of 5 to 200 mg KOH/g, and further wherein the marine diesel lubricating oil composition is a monograde lubricating oil composition meeting the specifications for SAE J300 revised January 2015 requirements for a SAE 20, SAE 30, SAE 40, SAE 50 or SAE 60 monograde lubricating oil.

2. The marine diesel lubricating oil composition according to claim 1, wherein the BN is between 5 to 150 mg KOH/g, between 5 to 100 mg KOH/g, between 5 to 75 mg KOH/g, between 5 to 70 mg KOH/g, between 5 to 60 mg KOH/g, between 5 to 50 mg KOH/g, between 5 to 40 mg KOH/g, between 5 to 35 mg KOH/g, between 5 to 30 mg KOH/g, between 5 to 25 mg KOH/g, between 5 to 20 mg KOH/g, or between 5 to 15 mg KOH/g.

3. The marine diesel lubricating oil composition according to claim 1 or claim 2, wherein (b) includes 0.5 wt. % to 10 wt. % actives, 1 wt. % to 10 wt. % actives, 2 wt. % to 8

wt. % actives, 2 wt. % to 6 wt. % actives, or 2.5 wt. % to 5.5 wt. % actives, based on the total weight of the lubricating oil composition, of the at least one Mannich reaction product.

4. The marine diesel lubricating oil composition according to any one of the preceding claims, further including a detergent selected from sulfonates, phenates, naphthenates, carboxylates, salicylates, or any combination thereof.

5. A marine trunk piston engine oil lubricating oil composition comprising:

(a) a major amount of an oil of lubricating viscosity; and

(b) 0.1 wt. % to 10 wt. % actives, based on the total weight of the marine trunk piston engine lubricating oil composition, of at least one Mannich reaction product prepared by the condensation of a polyisobutyl-substituted hydroxyaromatic compound, wherein the polyisobutyl group is derived from polyisobutene containing at least 70 wt. % methylvinylidene isomer and has a number average molecular weight of from 400 to 2500, an aldehyde, an amino acid or ester derivative thereof, and an alkali metal base;

wherein the marine trunk piston engine lubricating oil composition has a Total Base Number (TBN) of 10 to 80 mg KOH/g, and further wherein the marine trunk piston engine oil lubricating oil composition is a monograde lubricating oil composition meeting the specifications for SAE J300 revised January 2015 requirements for a SAE 30, or SAE 40 monograde lubricating oil.

6. The marine trunk piston engine oil lubricating oil composition according to claim 5, wherein the BN is between 10 to 75 mg KOH/g, between 10 to 70 mg KOH/g, between 10

to 65 mg KOH/g, between 10 to 60 mg KOH/g, between 10 to 55 mg KOH/g, between 10 to 50 mg KOH/g, between 10 to 45 mg KOH/g, between 10 to 40 mg KOH/g, between 10 to 35 mg KOH/g, between 10 to 30 mg KOH/g, between 10 to 25 mg KOH/g, between 10 to 20 mg KOH/g, or between 10 to 15 mg KOH/g.

7. The marine trunk piston engine oil lubricating oil composition according to claim 5 or claim 6, wherein (b) includes 0.5 wt. % to 10 wt. % actives, 1 wt. % to 10 wt. % actives, 2 wt. % to 8 wt. % actives, 2 wt. % to 6 wt. % actives, or 2.5 wt. % to 5.5 wt. % actives, based on the total weight of the lubricating oil composition, of the at least one Mannich reaction product.

8. The marine trunk piston engine oil lubricating oil composition according to any one of claims 5-7, further including a detergent selected from sulfonates, phenates, naphthenates, carboxylates, salicylates, or any combination thereof.

9. A marine system lubricating oil composition comprising:

(a) a major amount of an oil of lubricating viscosity; and

(b) 0.1 wt. % to 10 wt. % actives, based on the total weight of the marine system lubricating oil composition, of at least one Mannich reaction product prepared by the condensation of a polyisobutyl-substituted hydroxyaromatic compound, wherein the polyisobutyl group is derived from polyisobutene containing at least 70 wt. % methylvinylidene isomer and has a number average molecular weight of from 400 to 2500, an aldehyde, an amino acid or ester derivative thereof, and an alkali metal base;

wherein the marine system oil lubricating oil composition has a TBN of 5 to 40 mg KOH/g, and further wherein the marine system oil lubricating oil composition is a monograde lubricating oil composition meeting the specifications for SAE J300 revised January 2015 requirements for a SAE 20, SAE 30 or SAE 40 monograde lubricating oil.

10. The marine system lubricating oil composition according to claim 9, wherein (b) includes 0.5 wt. % to 10 wt. % actives, 1 wt. % to 10 wt. % actives, 2 wt. % to 8 wt. % actives, 2 wt. % to 6 wt. % actives, or 2.5 wt. % to 5.5 wt. % actives, based on the total weight of the lubricating oil composition, of the at least one Mannich reaction product.

11. The marine system lubricating oil composition according to claim 9 or claim 10, further including a detergent selected from sulfonates, phenates, naphthenates, carboxylates, salicylates, or any combination thereof.

12. A marine diesel cylinder lubricating oil composition comprising:

(a) a major amount of an oil of lubricating viscosity; and

(b) 0.1 wt. % to 10 wt. % actives, based on the total weight of the marine diesel cylinder lubricating oil composition, of at least one Mannich reaction product prepared by the condensation of a polyisobutyl-substituted hydroxyaromatic compound, wherein the polyisobutyl group is derived from polyisobutene containing at least 70 wt. % methylvinylidene isomer and has a number average molecular weight of from 400 to 2500, an aldehyde, an amino acid or ester derivative thereof, and an alkali metal base;

wherein the marine diesel cylinder lubricating oil composition has a TBN of 5 to 200 mg KOH/g, and further wherein the marine diesel cylinder lubricating oil composition

is a monograde lubricating oil composition meeting the specifications for SAE J300 revised January 2015 requirements for a SAE 30, SAE 40, SAE 50 or SAE 60 monograde lubricating oil.

13. The marine diesel cylinder lubricating oil composition according to claim 12, wherein the BN is between 5 to 150 mg KOH/g, between 5 to 100 mg KOH/g, between 5 to 75 mg KOH/g, between 5 to 70 mg KOH/g, between 5 to 60 mg KOH/g, between 5 to 50 mg KOH/g, between 5 to 40 mg KOH/g, between 5 to 35 mg KOH/g, between 5 to 30 mg KOH/g, between 5 to 25 mg KOH/g, between 5 to 20 mg KOH/g, or between 5 to 15 mg KOH/g.

14. The marine diesel cylinder lubricating oil composition according to claim 12 or claim 13, further including a detergent selected from sulfonates, phenates, naphthenates, carboxylates, salicylates or any combination thereof.

15. The marine diesel cylinder lubricating oil composition according to any one of claims 12-14, wherein (b) includes 0.5 wt. % to 10 wt. % actives, 1 wt. % to 10 wt. % actives, 2 wt. % to 8 wt. % actives, 2 wt. % to 6 wt. % actives, or 2.5 wt. % to 5.5 wt. % actives, based on the total weight of the lubricating oil composition, of the at least one Mannich reaction product.

16. A marine diesel cylinder lubricating oil composition comprising:

(a) a major amount of an oil of lubricating viscosity; and

(b) 0.1 wt. % to 10 wt. % actives, based on the total weight of the marine diesel cylinder lubricating oil composition, of at least one Mannich reaction

product prepared by the condensation of a polyisobutyl-substituted hydroxyaromatic compound, wherein the polyisobutyl group is derived from polyisobutene containing at least 70 wt. % methylvinylidene isomer and has a number average molecular weight of from 400 to 2500, an aldehyde, an amino acid or ester derivative thereof, and an alkali metal base;

wherein the marine diesel cylinder lubricating oil composition has a TBN of 5 to 40 mg KOH/g, and further wherein the marine diesel cylinder lubricating oil composition is a monograde lubricating oil composition meeting the specifications for SAE J300 revised January 2015 requirements for a SAE 30, SAE 40, SAE 50 or SAE 60 monograde lubricating oil.

17. The marine diesel cylinder lubricating oil composition according to claim 16, wherein (b) includes 0.5 wt. % to 10 wt. % actives, 1 wt. % to 10 wt. % actives, 2 wt. % to 8 wt. % actives, 2 wt. % to 6 wt. % actives, or 2.5 wt. % to 5.5 wt. % actives, based on the total weight of the lubricating oil composition, of the at least one Mannich reaction product.

18. The marine diesel cylinder lubricating oil composition according to claim 16 or claim 17, further including a detergent selected from sulfonates, phenates, naphthenates, carboxylates, salicylates or any combination thereof.