CLAIMS:

1. An additive concentrate for use in forming a lubricating oil composition, the additive concentrate consisting of a diluent oil of lubricating viscosity present in a minor amount of less than 50 mass %, based on the total mass of the additive concentrate, and a plurality of oil-soluble or oil-dispersible additives contained therein, wherein the combined amount of all of said plurality of additives in the additive concentrate is greater than 50 mass % on an active ingredient basis, based on the total mass of the additive concentrate, and wherein the plurality of additives include the following additives:

(A) one or more oil-soluble or oil-dispersible overbased alkaline earth metal salicylate detergent(s) having a TBN at 100 % active mass of at least 150 mg KOH/g, as measured in accordance with ASTM D2896, present in an amount of greater than or equal to 3.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate;

(B) one or more oil-soluble or oil-dispersible ashless nitrogen-free organic friction modifier(s) which is one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s) present in an amount of greater than or equal to 0.50 mass % on an active ingredient basis, based on the total mass of the additive concentrate; and,

(C) one or more oil-soluble or oil-dispersible poly(C_2 to C_6)alkylenyl succinic anhydride(s) present in an effective amount of greater than or equal to 0.75 mass % on an active ingredient basis, based on the total mass of the additive concentrate, to stabilise the additive concentrate, wherein the average succination ratio (SR) of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is greater than or equal to 1.35.

2. An additive concentrate as claimed in claim 1, wherein the average succination ratio of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is greater than or equal to 1.4.

3. An additive concentrate as claimed in claim 1 or 2, wherein the average succination ratio of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is less than or equal to 4.0.

4. An additive concentrate as claimed in any one of the preceding claims, wherein the number average molecular weight (M_n) of the poly(C_2 to C_6)alkylenyl chain(s) of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is greater than or equal to 1250 daltons.

5. An additive concentrate as claimed in any one of the preceding claims, wherein the average saponification value (SAP value) of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is greater than or equal to 45, as measured in accordance with ASTM D94.

6. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is one or more polyisobutylenyl succinic anhydride(s) (PIBSA(s)).

7. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is present in amount of from 1.0 to 10.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate.

8. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is present in amount of from 3.0 to 5.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate.

9. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s) is the ester reaction product of one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid(s), or a reactive derivative(s) thereof, and one or more alkanol(s).

10. An additive concentrate as claimed in claim 9, wherein the one or more alkanol(s) is a polyhydric (C_2 to C_{20})alkanol(s).

11. An additive concentrate as claimed in claim 10, wherein the polyhydric (C_2 to C_{20})alkanol(s) is glycerol.

12. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s) is glycerol mono-oleate (GMO).

13. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s) is present in an amount of from 1.0 to 10.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate.

14. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more overbased alkaline earth metal salicylate detergent(s) has a TBN at 100 % active mass of greater than or equal to 200 mg KOH/g, as measured in accordance with ASTM D2896.

15. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more overbased alkaline earth metal salicylate detergent(s) is one or more calcium salicylate detergent(s).

16. An additive concentrate as claimed in any one of the preceding claims, wherein the one or more overbased alkaline earth metal salicylate detergent(s) is present in an amount of from 5 to 25 mass % on an active ingredient basis, based on the total mass of the additive concentrate.

17. A method of forming a lubricating oil composition comprising mixing the additive concentrate as defined in anyone of claims 1 to 16 with an oil of lubricating viscosity.

18. The use of one or more oil-soluble or oil-dispersible poly(C_2 to C_6)alkylenyl succinic anhydride(s) (C) as an additive in an additive concentrate in an effective amount of greater than or equal to 0.75 mass % on an active ingredient basis, based on the total mass of the additive concentrate, to improve the storage stability of the additive concentrate, wherein the average succination ratio (SR) of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) (C) is greater than or equal to 1.35, and the additive concentrate consists of a diluent oil of lubricating viscosity present in a minor amount of less than 50 mass %, based on the total mass of the additive concentrate, and a plurality of oil-soluble or oil-dispersible additives contained therein, wherein the combined amount of all of said plurality of additives in the additive concentrate is greater than 50 mass % on an active ingredient basis, based on the total mass of the additive concentrate, and wherein the plurality of additives include at least the following additives: (A) one or more oil-soluble or oil-dispersible overbased alkaline earth metal salicylate detergent(s) having a TBN at 100 % active mass of at least 150 mg KOH/g, as measured in accordance with ASTM D2896, present in an amount of greater than or equal to 3.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate; and, (B) one or more oil-soluble or oil-dispersible ashless nitrogen-free organic friction modifier(s) which is one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s), present in an amount of greater than or equal to 0.50 mass % on an active ingredient basis, based on the total mass of the additive concentrate.

19. The use of one or more oil-soluble or oil-dispersible poly(C_2 to C_6)alkylenyl succinic anhydride(s) (C) as an additive in an additive concentrate in an effective amount of greater than or equal to 0.75 mass % on an active ingredient basis, based on the total mass of the additive concentrate, to improve the compatibility of and/or mitigate interaction between and/or prevent interaction between (A) one or more oil-soluble or oil-dispersible overbased alkaline earth metal salicylate detergent(s) having a TBN at 100 % active mass of at least 150 mg KOH/g, as measured in accordance with ASTM D2896, as an additive present in an amount of greater than or equal to 3.0 mass % on an active ingredient basis, based on the total mass of the additive concentrate; and, (B) one or more oil-soluble or oil-dispersible ashless nitrogen-free

organic friction modifier(s) which is one or more aliphatic (C_7 to C_{29})hydrocarbyl fatty acid ester(s), as an additive present in an amount of greater than or equal to 0.50 mass % on an active ingredient basis, based on the total mass of the additive concentrate, wherein the additive concentrate consists of a diluent oil of lubricating viscosity present in a minor amount of less than 50 mass %, based on the total mass of the additive concentrate, and a plurality of oil-soluble or oil-dispersible additives, including at least additives (A) and (B), contained therein, wherein the combined amount of all of said plurality of additives in the additive concentrate is greater than 50 mass % on an active ingredient basis, based on the total mass of the additive concentrate, and wherein the average succination ratio of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) (C) is greater than or equal to 1.35.

20. The use as claimed in claim 18 or 19, wherein the one or more overbased alkaline earth metal salicylate detergent(s) has a TBN at 100 % active mass of greater than or equal to 200 mg KOH/g, as measured in accordance with ASTM D2896.

21. The use as claimed in any one of claims 18 to 20, wherein the number average molecular weight (M_n) of the poly(C_2 to C_6)alkylenyl chain(s) of the one or more poly(C_2 to C_6)alkylenyl succinic anhydride(s) is greater than or equal to 1250 daltons.