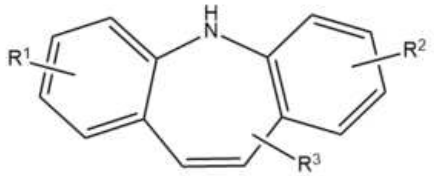
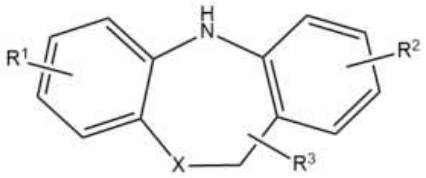
What is claimed is:

1. A lubricating composition comprising an oil of lubricating viscosity and a benzazepine compound; wherein the benzazepine compound comprises a dibenzazepine compound; and

wherein the dibenzazepine compound is represented by the at least one of the following general formulae IIA or IIB:



IIA



IIB

wherein R^1, R^2 and R^3 are each independently hydrogen or a hydrocarbyl group of 1 to 24 carbon atoms; each X is independently O, S, or NR^4; and R^4 is hydrogen or a hydrocarbyl group of 1 to 18 carbon atoms.

2. The lubricating composition of claim 1, wherein the benzazepine compound is present in the lubricating composition in an amount 0.1 to 5.0 weight percent based on the total weight of the lubricating composition.

3. The lubricating composition of any one of claims 1 to 2, wherein the lubricating composition comprises at least 0.3 weight percent of at least one additional lubricant additive comprising at least one of an ashless polyisobutenyl succinimide dispersant, an overbased or neutral metal-based detergent, an anti-wear agent, a polymeric viscosity modifier, or an ashless antioxidant different from the benzazepine compound.

4. The lubricating composition of claim 3, wherein the ashless polyisobutenyl succinimide dispersant is present in the lubricating composition in an amount of from 0.5 to 4.0 weight percent based on the total weight of the lubricating composition.

5. The lubricating composition of either claim 3 or Claim 4, wherein the metal-based detergent comprises at least one of a neutral alkaline earth metal detergent or an overbased

alkaline earth metal detergent, in an amount of from 0.2 to 15 weight percent based on the total weight of the lubricating composition.

6. The lubricating composition of claim 5, wherein the at least one of a neutral alkaline earth metal detergent or an overbased alkaline earth metal detergent comprises at least one of an alkylbenzene sulfonate detergent, a sulfur-coupled phenate detergent, or an alkylsalicylate detergent.

7. The lubricating composition of any one of claims 3 to 6, wherein at least one anti-wear agent is present in an amount of from 0.05 to 3 weight percent based on the total weight of the lubricating composition.

8. The lubricating composition of claim 7, wherein the at least one anti-wear agent comprises a phosphorus-containing compound in an amount effective to deliver 200 to 1200 ppm phosphorus to the lubricating composition.

9. The lubricating composition of either claim 7 or claim 8, wherein the at least one anti-wear agent comprises a zinc dialkyl dithiophosphate.

10. The lubricating composition of claim 3, wherein the ashless antioxidant different from the benzazepine compound is present in an amount of from 0.01 to 5 weight percent based on the total weight of the lubricating composition.

11. The lubricating composition of any one of claims 1 to 10, wherein the lubricating composition comprises less than 0.1 weight percent of a diarylamine antioxidant.

12. The lubricating composition of any one of claims 1 to 11, wherein the lubricating composition is substantially free of a diarylamine antioxidant.

13. The lubricating composition of claim 1, wherein the benzazepine compound comprises at least one of: benzazepine; dihydro-benzazepine; tetrahydro benzazepine; 5H-dibenzo[b,f]azepine; 10,11-dihydro-5H-dibenzo[b,f]azepine; or hydrocarbyl-substituted derivatives thereof.

14. A method of lubricating an internal combustion engine comprising supplying to the internal combustion engine the lubricating composition of any one of claims 1 to 13.

15. A method of improving the oxidative resistance of a crankcase lubricant, wherein the method comprises lubricating the crankcase with the lubricating composition of any one of claims 1 to 13.