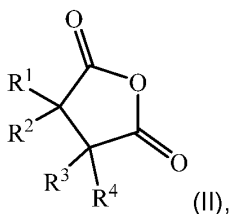
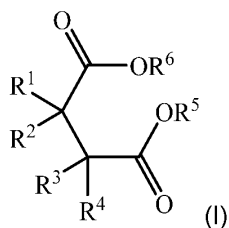


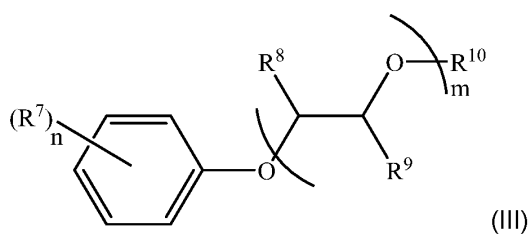
CLAIMS

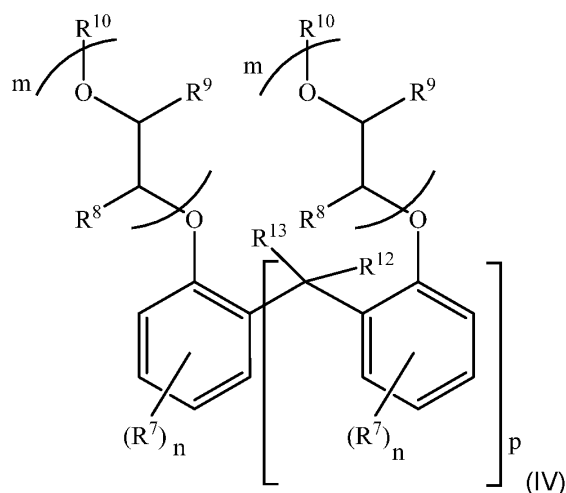
1. An internal combustion engine lubricating oil composition comprising:
 - a. a major amount of an oil of lubricating viscosity;
 - b. one or more compounds containing a carboxylic-acid functional group, ester functional group, or anhydride functional group represented by formula (I) or (II),



where each R^1 , R^2 , R^3 , and R^4 is independently a hydrogen radical, hydrocarbyl radical, or hydrocarbylene radical, where each R^5 and R^6 is independently a hydrogen radical, hydrocarbyl radical, or hydrocarbylene radical, wherein at least one of R^1 , R^2 , R^3 , and R^4 is a hydrocarbyl or hydrocarbylene radical; and

- c. a polyalkoxylated hydrocarbyl phenol represented by formula (III) or (IV):



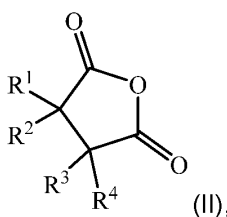
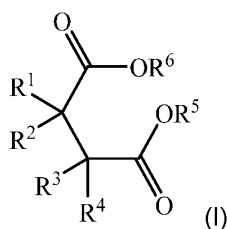


where each R^7 is independently a hydrocarbyl or hydrocarbylene radical of 1 to 250 carbon atoms, each R^8 and R^9 is independently a hydrogen radical, hydrocarbyl radical of 1 to 6 carbon atoms, or hydrocarbylene radical of 1 to 6 carbon atoms; R^{10} is a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, hydrocarbylene radical of 1 to 24 carbon atoms, or acyl radical represented by $-\text{C}(=\text{O})\text{R}^{11}$, where R^{11} is a hydrocarbyl or hydrocarbylene radical of 1 to 24 carbon atoms, R^{12} and R^{13} are independently a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, or hydrocarbylene radical of 1 to 24 carbon atoms, n is 1 to 3, m is 1 to 50, and p is 1 to 50.

2. The lubricating oil composition of claim 1, wherein the lubricating oil reduces corrosion in the engine of a hybrid vehicle as determined by JIS K2246 test, wherein the JIS K2246 measures rusting a metal piece in a test fluid.
3. The lubricating oil composition of claim 2, wherein the test fluid includes water.
4. The lubricating oil composition of claim 3, wherein the test fluid includes about 10% by volume of water.
5. The lubricating oil composition of claim 1, wherein the one or more compounds containing a carboxylic-acid functional group, ester functional group, or

anhydride functional group is present in an amount ranging from about 0.05 to about 3.0 wt% based on total weight of the lubricating oil composition.

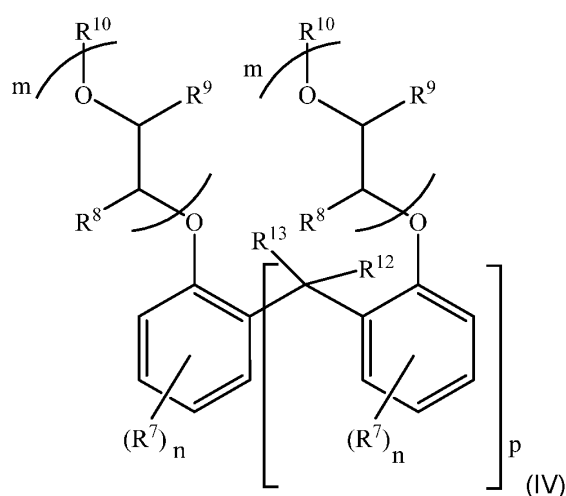
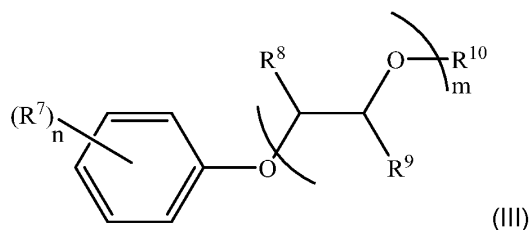
6. The lubricating oil composition of claim 1, wherein the polyalkoxylated hydrocarbyl phenol is present in an amount ranging from about 0.05 to about 3.0 wt% based on total weight of the lubricating oil composition.
7. The lubricating oil composition of claim 1, further comprising antioxidant, anti-wear agent, detergent, rust inhibitor, dehazing agent, demulsifying agent, metal deactivating agent, friction modifier, pour point depressant, antifoaming agent, co-solvent, corrosion-inhibitor, dispersant, multifunctional agent, dye, or extreme pressure agent.
8. A method for reducing corrosion in a hybrid engine, said method comprising lubricating and operating a hybrid engine with a lubricating oil composition comprising:
 - a. a major amount of an oil of lubricating viscosity;
 - b. one or more compounds containing a carboxylic-acid functional group, ester functional group, or anhydride functional group represented by formula (I) or (II),



where each R^1 , R^2 , R^3 , and R^4 is independently a hydrogen radical, hydrocarbyl radical, or hydrocarbylene radical, each R^5 and R^6 is independently a hydrogen

radical, hydrocarbyl radical, or hydrocarbylene radical, where at least one of R^1 , R^2 , R^3 , and R^4 is a hydrocarbyl or hydrocarbylene radical; and

c. a polyalkoxylated hydrocarbyl phenol represented by formula (III) or (IV):



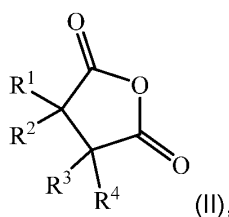
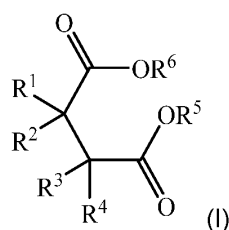
where each R^7 is independently a hydrocarbyl or hydrocarbylene radical of 1 to 250 carbon atoms, each R^8 and R^9 is independently a hydrogen radical, hydrocarbyl radical of 1 to 6 carbon atoms, or hydrocarbylene radical of 1 to 6 carbon atoms; R^{10} is a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, hydrocarbylene radical of 1 to 24 carbon atoms, or acyl radical represented by ---C(=O)R^{11} , R^{11} is a hydrocarbyl or hydrocarbylene radical of 1 to 24 carbon atoms, R^{12} and R^{13} are independently a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, or hydrocarbylene radical of 1 to 24 carbon atoms, n is 1 to 3, m is 1 to 50, and p is 1 to 50.

9. The method of claim 8, wherein the lubricating oil reduces corrosion in the engine of a hybrid vehicle as determined by JIS K2246 test, wherein the JIS K2246 measures rusting a metal piece in a test fluid.
10. The method of claim 9, wherein the test fluid includes water.
11. The method of claim 10, wherein the test fluid includes about 10% by volume of water.
12. The method of claim 8, wherein the lubricating oil further comprises antioxidant, anti-wear agent, detergent, rust inhibitor, dehazing agent, demulsifying agent, metal deactivating agent, friction modifier, pour point depressant, antifoaming agent, co-solvent, corrosion-inhibitor, dispersant, multifunctional agent, dye, or extreme pressure agent.
13. The method of claim 8, wherein the one or more compounds containing a carboxylic-acid functional group, ester functional group, or anhydride functional group is present in an amount ranging from about 0.05 to about 3.0 wt% based on total weight of the lubricating oil composition.
14. The method of claim 8, wherein the polyalkoxylated hydrocarbyl phenol is present in an amount ranging from about 0.05 to about 3.0 wt% based on total weight of the lubricating oil composition.
15. A method for improving the ability of a lubricating oil contaminated with water and fuel to reduce corrosion in a hybrid engine, said method comprising lubricating and operating the engine with the lubricating oil composition according to claim 1.
16. A method for reducing corrosion of a hybrid engine lubricating oil comprising lubricating and operating a hybrid engine with a lubricant composition according to claim 1.
17. A method for reducing corrosion and/or rust in a hybrid engine comprising:

- a. providing a lubricating oil composition according to claim 1;
- b. lubricating the hybrid engine with the composition, and
- c. operating said engine.

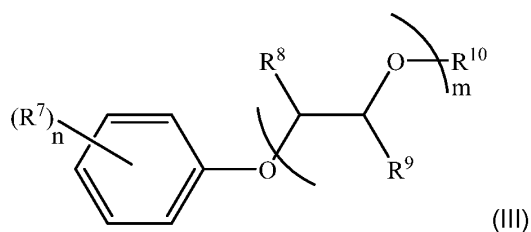
18. The use of a lubricating oil composition comprising:

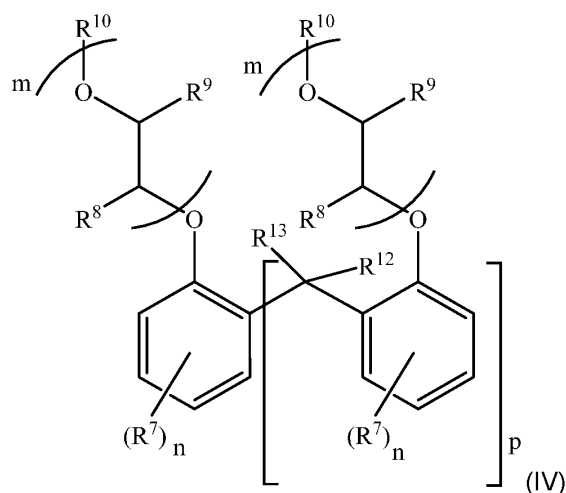
- a. a major amount of an oil of lubricating viscosity;
- b. one or more compounds containing a carboxylic-acid functional group, ester functional group, or anhydride functional group represented by formula (I) or (II),



where each R^1 , R^2 , R^3 , and R^4 is independently a hydrogen radical, hydrocarbyl radical, or hydrocarbylene radical, each R^5 and R^6 is independently a hydrogen radical, hydrocarbyl radical, or hydrocarbylene radical, wherein at least one of R^1 , R^2 , R^3 , and R^4 is a hydrocarbyl or hydrocarbylene radical; and

- c. a polyalkoxylated hydrocarbyl phenol represented by formula (III) or (IV):





where each R^7 is independently a hydrocarbyl or hydrocarbylene radical of 1 to 250 carbon atoms, each R^8 and R^9 is independently a hydrogen radical, hydrocarbyl radical of 1 to 6 carbon atoms, or hydrocarbylene radical of 1 to 6 carbon atoms; R^{10} is a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, hydrocarbylene radical of 1 to 24 carbon atoms, or acyl radical represented by —C(=O)R^{11} , R^{11} is a hydrocarbyl or hydrocarbylene radical of 1 to 24 carbon atoms, R^{12} and R^{13} are independently a hydrogen radical, hydrocarbyl radical of 1 to 24 carbon atoms, or hydrocarbylene radical of 1 to 24 carbon atoms, n is 1 to 3, m is 1 to 50, and p is 1 to 50, and

wherein the lubricating oil composition reduces corrosion in the engine of a hybrid vehicle as determined by the JIS K2246 test method.