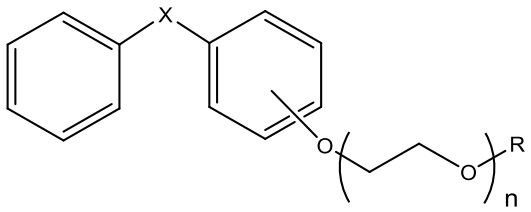
CLAIMS:

1. A composition comprising one or more compounds represented by the formula



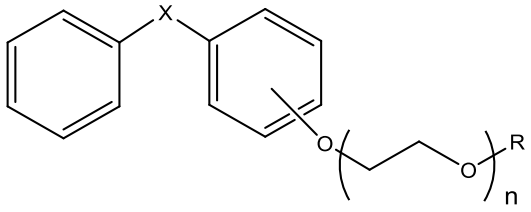
wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said composition has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800.

2. The composition of claim 1 which is 3-(2-ethoxyethoxyethoxy)-2,6-diphenylmethane.

3. The composition of claim 1 which has a viscosity (Kv_{100}) from 2 to 8 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from 25 to 125 as determined by ASTM D-2270, and a Noack volatility of no greater than 25 percent as determined by ASTM D-5800.

4. A composition comprising one or more glycol ether substituted aryl compounds represented by the formula

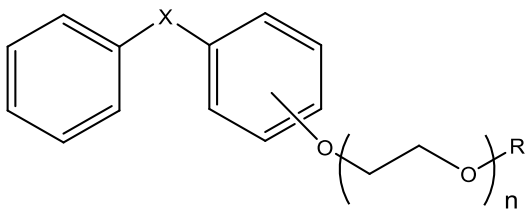


wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said composition has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800;

wherein said one or more glycol ether substituted aryl compounds are produced by a process comprising reacting a substituted or unsubstituted aryl halide with a substituted or unsubstituted glycol ether, optionally in the presence of a catalyst, under reaction conditions sufficient to produce said one or more glycol ether substituted aryl compounds.

5. A composition comprising one or more glycol ether substituted aryl compounds represented by the formula



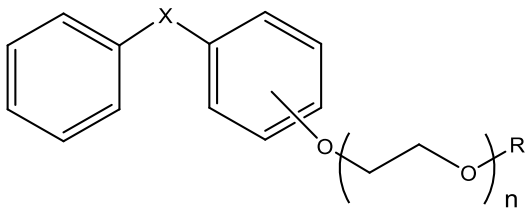
wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said composition has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800;

wherein said one or more glycol ether substituted aryl compounds are produced by a process comprising reacting a substituted or unsubstituted aryl alcohol with a substituted or unsubstituted glycol ether halide, optionally in the presence of a

catalyst, under reaction conditions sufficient to produce said one or more glycol ether substituted aryl compounds.

6. A lubricating oil base stock comprising one or more compounds represented by the formula



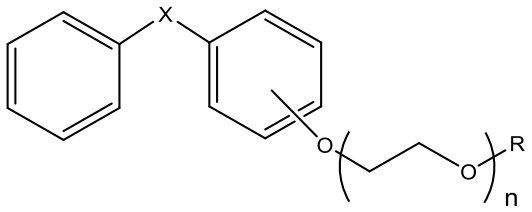
wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said lubricating oil base stock has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800.

7. The lubricating oil base stock of claim 6 which is 3-(2-ethoxy ethoxy ethoxy)-2,6-diphenylmethane.

8. The lubricating oil base stock of claim 6 which has a viscosity (Kv_{100}) from 2 to 8 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from 25 to 125 as determined by ASTM D-2270, and a Noack volatility of no greater than 25 percent as determined by ASTM D-5800.

9. A lubricating oil comprising a lubricating oil base stock as a major component, and a glycol ether substituted aryl compound cobase stock as a minor component; wherein said glycol ether substituted aryl compound cobase stock comprises one or more compounds represented by the formula



wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said lubricating oil has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800.

10. The lubricating oil of claim 9 wherein the lubricating oil base stock comprises a Group I, II, III, IV or V base oil stock.

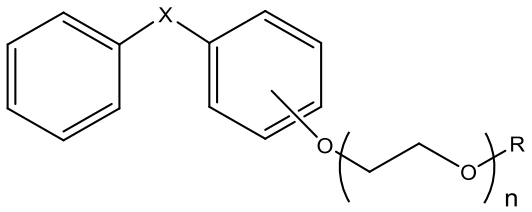
11. The lubricating oil of claim 9 wherein the lubricating oil base stock comprises a polyalphaolefin (PAO) or gas-to-liquid (GTL) oil base stock.

12. The lubricating oil of claim 9 wherein the lubricating oil base stock is present in an amount from 50 weight percent to 99 weight percent, and the glycol ether substituted aryl compound cobase stock is present in an amount from 1 weight percent to 30 weight percent, based on the total weight of the lubricating oil.

13. The lubricating oil of claim 9 wherein the glycol ether substituted aryl compound cobase stock is 3-(2-ethoxy ethoxy ethoxy)-2,6-diphenylmethane.

14. The lubricating oil of claim 9 which has a viscosity (Kv_{100}) from 2 to 8 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from 25 to 125 as determined by ASTM D-2270, and a Noack volatility of no greater than 25 percent as determined by ASTM D-5800.

15. A method for improving one or more of oxidative stability, solubility and dispersancy of polar additives of a lubricating oil by using as the lubricating oil a formulated oil comprising a lubricating oil base stock as a major component, and glycol ether substituted aryl compound cobase stock as a minor component; wherein said glycol ether substituted aryl compound cobase stock comprises one or more compounds represented by the formula



wherein R is a substituted or unsubstituted alkyl group having from 4 to 40 carbon atoms, n is a value from 1 to 12; and X is CH_2, O, NR' or S, wherein R' is hydrogen or an alkyl group having from 1 to 4 carbon atoms;

wherein said lubricating oil has a viscosity (Kv_{100}) from 1 to 10 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from -100 to 300 as determined by ASTM D-2270, and a Noack volatility of no greater than 50 percent as determined by ASTM D-5800.

16. The method of claim 15 wherein the glycol ether substituted aryl compound cobase stock is 3-(2-ethoxyethoxyethoxy)-2,6-diphenylmethane.

17. The method of claim 15 wherein the glycol ether substituted aryl compound cobase stock has a viscosity (Kv_{100}) from 2 to 8 cSt at 100ºC as determined by ASTM D-445, a viscosity index (VI) from 25 to 125 as determined by ASTM D-2270, and a Noack volatility of no greater than 25 percent as determined by ASTM D-5800.