What is claimed is:

1. A lubricating composition comprising:

a) at least one oil of lubricating viscosity; and

b) an antifoam component comprising a poly(acrylate) copolymer including:

(i) from about 3040 wt % up to about 9980 wt % of a (meth)acrylate monomer having C_1 to C_4 alkyl esters of (meth)acrylic acid; and

(ii) from about 120 wt % up to about 7060 wt % of a fluorinated (meth)acrylate monomer;

comprising at least one of 2,2,2-trifluoroethyl (meth)acrylate, 1,1,1,3,3,-hexafluoroisopropyl (meth)acrylate, 2,2,3,3,4,4,5,5-octafluoropentyl (meth)methacrylate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoroundecyl (meth)acrylate, 2,2,3,4,4,4-hexafluorobutyl (meth)acrylate, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl (meth)acrylate, or combinations thereof; the antifoam component having a M_wM.sub.w of at least 1,000 Daltons.

2.; and wherein the lubricating composition has a kinematic viscosity ("KV") at 100°C of equal to or less than 5 cSt.

2. The lubricating composition of claim 1, wherein the lubricating composition comprises:

a) at least one oil of lubricating viscosity; and

b) an antifoam component comprising a poly(acrylate) copolymer including:

(i) from about 30 wt% up to about 99 wt% of a (meth)acrylate monomer havinghas C_1 to C_3 alkyl esters of (meth)acrylic acid.; and

(ii) from about 1 wt% up to about 70 wt% of a fluorinated (meth)acrylate monomer;

the antifoam component having a M_w of at least 10,000 Daltons.

3. A lubricating composition comprising:

a) at least one oil of lubricating viscosity; and

b) an antifoam component comprising a poly(acrylate) copolymer including:

~~(i) from about 10 wt% up to about 60 wt% of a (meth)acrylate monomer having C_1 to C_3 alkyl esters of (meth)acrylic acid; and~~

~~(ii) from about 2 wt% up to about 70 wt% of a fluorinated (meth)acrylate monomer; and~~

~~(iii) from about 10 wt % up to about 70 wt% of a (meth)acrylate comonomer having C_4 to C_{12} alkyl esters of (meth)acrylic acid;~~

~~the antifoam component having a M_w of at least 1,000 Daltons.~~

~~4.~~.

3. The lubricating composition of claim ~~3, wherein the lubricating composition comprises:~~

~~a) at least one oil of lubricating viscosity; and~~

~~b) an antifoam component comprising a poly(acrylate) copolymer including:~~

~~(i) from about 10 wt% up to about 60 wt% of a (meth)acrylate monomer having C_1 to C_3 alkyl esters of (meth)acrylic acid; and~~

~~(ii) from about 20 wt% up to about 70 wt% of a fluorinated (meth)acrylate monomer; and~~

~~(iii) from about 10 wt % up to about 60 wt% of a(meth)acrylate comonomer having C_4 to C_8 alkyl esters of (meth)acrylic acid;~~

~~the antifoam component having a M_w of at least 10,000 Daltons.~~

~~5. The lubricating composition of any claim 1 to 4~~, wherein the at least one oil of lubricating viscosity is a Group I oil, Group II oil, Group III oil, Group IV oil, Group V oil, or mixtures thereof.

~~6.~~

4. The lubricating composition of ~~any~~ claim ~~1 to 5~~3, wherein the at least one oil of lubricating viscosity is a Group I oil, Group III oil, Group IV oil, Group V oil, or mixtures thereof.

~~7.~~

5. The lubricating composition of ~~any~~ claim 1 ~~to 6~~, wherein the (meth)acrylate monomer (i) comprises ethyl (meth)acrylate or propyl (meth)acrylate.

~~8.~~

6. The lubricating composition of ~~any~~ claim 1 ~~to 2 or 5 to 7, wherein the (meth)acrylate monomer (i) is present in an amount of about 40 wt% up to about 80 wt%, and the fluorinated (meth)acrylate (ii) monomer is present in an amount of about 20 wt% up to about 60 wt%.~~

~~9. The lubricating composition of any claim 3 to 7, wherein the (meth)acrylate monomer (i) is present in an amount of about 20 wt% up to about 55 wt%, the fluorinated (meth)acrylate monomer (ii) is present in an amount of about 5 wt% up to about 50 wt%; and the (meth)acrylate comonomer (iii) is present in an amount of about 20 wt% up to about 75 wt%.~~

~~10. The lubricating composition of any claim 1 to 9~~, further comprising a phosphorus-containing anti-wear agent, a silicon-containing anti-foam agent, or combinations thereof.

~~11.~~

7. The lubricating composition of claim ~~10~~6, comprising dialkyl hydrogen phosphite, poly dialkylsiloxane, or combinations thereof.

~~12.~~

8. The lubricating composition of claim ~~10 or 11~~6, comprising dialkyl hydrogen phosphite, poly dialkylsiloxane, and/or fluorinated poly dialkylsiloxane.

~~13.~~

9. The lubricating composition of ~~any~~ claim ~~10 to 12~~6, comprising dibutyl phosphite.

~~14.~~

10. The lubricating composition of ~~any claim 3 to 7 or 9 to 13, wherein the (meth)acrylate comonomer (iii) comprises 2-ethylhexyl (meth)acrylate, 3,5,5-trimethylhexyl (meth)acrylate, or combinations thereof.~~

~~15. The lubricating composition of any claim 3 to 7 or 9 to 14, wherein the (meth)acrylate monomer (i) is ethyl (meth)acrylate and the acrylate comonomer (iii) is 2-ethylhexyl (meth)acrylate.~~

~~16. The lubricating composition of any~~ claim 1 ~~to 15, wherein the fluorinated (meth)acrylate monomer is branched or linear.~~

~~17. The lubricating composition of any claim 1 to 16, wherein the fluorinated (meth)acrylate monomer comprises at least one of 2,2,2-trifluoroethyl (meth)acrylate, 1,1,1,3,3,3-hexafluoroisopropyl (meth)acrylate, 2,2,3,3,4,4,5,5-octafluoropentyl (meth)methacrylate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoroundecyl (meth)acrylate, 2,2,3,4,4,4-hexafluorobutyl (meth)acrylate, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl (meth)acrylate, or combinations thereof.~~

~~18. The lubricating composition of any claim 1 to 17~~, wherein the (meth)acrylate monomer (i) is ethyl acrylate and the fluorinated (meth)acrylate monomer (ii) is 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl (meth)acrylate.

~~19.~~

11. The lubricating composition of ~~any~~ claim 1 ~~to 18~~, wherein the antifoam component has a M_w of from about 10,000 Da to about 350,000 Da~~, or about 10,000 to about 200,000 Da, or about 10,000 Da to about 120,000 Da.~~

~~20.~~.

12. The lubricating composition of ~~any~~ claim 1 ~~to 19~~, wherein the antifoam component is present in the lubricating composition in an amount of at least ~~1ppm, 10 to 800~~1 ppm~~, or 30 to 400 ppm.~~

~~21.~~.

13. The lubricating composition of ~~any~~ claim 1 ~~to 20~~, further comprising at least one additive that is a dispersant, viscosity modifier, friction modifier, detergent, antioxidant, seal swell agent, anti-wear agent, or combinations thereof.

~~22. The lubricating composition of any claim 1 to 21, wherein said lubricating composition has a kinematic viscosity ("KV") at 100ºC of equal to or less than 5 cSt.~~

~~23.~~

14. A method of lubricating a mechanical device comprising supplying to the mechanical device the lubricating composition of ~~any~~ claim 1 ~~to 22.~~

~~24.~~.

15. The method of claim ~~21~~14, wherein the mechanical device comprises a driveline device.

~~25.~~

16. The method of claim ~~24~~15, wherein the driveline device comprises an axle, a gear, a gearbox or a transmission.

~~26.~~

17. The method of claim ~~23~~14 wherein the mechanical device comprises an internal combustion engine.

~~27.~~

18. The method of claim ~~23~~14, wherein the mechanical device comprises a hydraulic system, a turbine system, a circulating oil system, a refrigeration lubricant system, or an industrial gear.

~~28.~~

19. A method of foam inhibition in a mechanical device comprising contacting the mechanical device with the lubricating composition of ~~any~~ claim 1 ~~to 22.~~

~~29.~~.

20. The method of ~~any~~ claim ~~23 to 28~~14 or 19, wherein the mechanical device comprises at least one silicon-containing gasket.

~~30. Use of the antifoam component in the lubricating composition of any claim 1 to 22 to improve foam inhibition in a mechanical device.~~

~~31. Use of the antifoam component in the lubricating composition of any claim 10 to 22 to increase the foam performance of said lubricating composition.~~