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CLAIMS

What is claimed is:

1. A lubricating oil composition, comprising:
 - a) a major amount of an oil of lubricating viscosity;
 - b) a non-dispersant comb polymethacrylate (PMA); and
 - 10 c) a non-dispersant ethylene-based olefin copolymer,the lubricating oil composition having a Kinematic Viscosity at 100° C of less than 9.3 mm²/s.
2. The lubricating oil composition of claim 1, wherein the non-dispersant comb PMA has a weight average molecular weight (Mw) of 390,000 g/mol to 460,000 g/mol.
- 15 3. The lubricating oil composition of claim 1, wherein the non-dispersant comb PMA has a Shear Stability Index (SSI) of 0.3 to 0.8.
4. The lubricating oil composition of claim 1, wherein the non-dispersant comb PMA is
20 present in an amount of 0.4 wt. % to 2.0 wt. %, based on the total weight of the lubricating oil composition.
5. The lubricating oil composition of claim 1, wherein the non-dispersant ethylene-based olefin copolymer has a weight average molecular weight (Mw) of 90,000 g/mol to 160,000
25 g/mol.
6. The lubricating oil composition of claim 1, wherein the non-dispersant ethylene-based olefin copolymer has a Shear Stability Index (SSI) of 10 to 70.
- 30 7. The lubricating oil composition of claim 1, wherein the non-dispersant ethylene-based olefin copolymer is present in an amount of 0.08 wt. % to 0.4 wt. %, based on the total weight of the lubricating oil composition.
8. The lubricating oil composition of claim 1, wherein the non-dispersant ethylene-based
35 olefin copolymer has a total ethylene content of 45 wt. % to 60 wt. %, based on the total weight of the non-dispersant ethylene-based olefin copolymer.

- 5 9. The lubricating oil composition of claim 1, wherein the non-dispersant ethylene-based olefin copolymer is an ethylene propylene copolymer.
- 10 10. The lubricating oil composition of claim 1, wherein the non-dispersant comb PMA is present in an amount of 0.76 wt. % to 1.33 wt. %, and the non-dispersant ethylene-based olefin copolymer is present in an amount of 0.08 to 0.4 wt. %, based on the total weight of the lubricating oil composition.
- 15 11. The lubricating oil composition of claim 1, wherein the non-dispersant comb PMA and the non-dispersant ethylene-based olefin copolymer are present in a total amount of 0.4 wt. % to 4 wt. %, based on the total weight of the lubricating oil composition.
- 20 12. The lubricating oil composition of claim 1, wherein the oil of lubricating viscosity is an API Group III base oil.
- 25 13. The lubricating oil composition of claim 1, wherein the composition further comprises a molybdenum compound.
- 30 14. The lubricating oil composition of claim 13, wherein the molybdenum compound is molybdenum dithiocarbamate (MoDTC).
- 35 15. The lubricating oil composition of claim 13, wherein the molybdenum compound provides the lubricating oil composition with an amount of molybdenum ranging from 50 ppm to 1200 ppm.
16. The lubricating oil composition of claim 1, wherein lubricating oil composition has a viscosity grade of SAE 0W-20, 0W-16, or 0W-12.
17. The lubricating oil composition of claim 1, wherein the lubricating oil composition has a High Temperature High Shear (HTHS) viscosity at 150° C of 2.55 cP to less than 2.9 cP.
18. The lubricating oil composition of claim 1, wherein the lubricating oil composition has a viscosity index of 200 to 240.

- 5 19. A method for reducing wear in an internal combustion engine comprising lubricating
said engine with a lubricating oil composition having a Kinematic Viscosity at 100° C of less
than 9.3 mm²/s, the lubricating oil composition including:
- a) a major amount of an oil of lubricating viscosity;
 - b) a non-dispersant comb polymethacrylate (PMA); and
 - 10 c) a non-dispersant ethylene-based olefin copolymer.
20. The method of claim 19, wherein the engine includes roller follower rocker arms.
21. A lubricating oil composition, comprising:
- 15 a) a major amount of an oil of lubricating viscosity;
 - b) a non-dispersant comb polymethacrylate (PMA) in an amount of 0.4 wt. % to
1.9 wt.%, based on the total weight of the lubricating oil composition; and
 - c) a non-dispersant ethylene-based olefin copolymer in an amount of 0.01 wt. %
to 0.36 wt. %, based on the total weight of the lubricating oil composition.
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22. A method for reducing wear in an internal combustion engine comprising lubricating
said engine with a lubricating oil composition, the lubricating oil composition including:
- a) a major amount of an oil of lubricating viscosity;
 - b) a non-dispersant comb polymethacrylate (PMA) in an amount of 0.4 wt. % to
25 1.9 wt.%, based on the total weight of the lubricating oil composition; and
 - c) a non-dispersant ethylene-based olefin copolymer in an amount of 0.01 wt. %
to 0.36 wt. %, based on the total weight of the lubricating oil composition.
23. The method of claim 22, wherein the engine includes roller follower rocker arms.
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