CLAIMS:

1. A distillate boiling range composition comprising a first portion having a T5 distillation point of at least 190°C and a T90 distillation point of 350°C or less, the first portion comprising a pour point of -50°C or less and at least 90 wt% saturates, the saturates comprising at least 50 wt% naphthenes relative to a weight of the first portion.

2. The distillate boiling range composition of claim 1, wherein the saturates comprises at least 60 wt% naphthenes relative to the weight of the first portion.

3. The distillate boiling range composition of claim 2, wherein the first portion comprises a density at 15°C of 0.84 g/cm^3 or less.

4. The distillate boiling range composition of claim 1, wherein the saturates comprises at least 70 wt% naphthenes relative to the weight of the first portion.

5. The distillate boiling range composition of claim 4, wherein the first portion comprises a density at 15°C of at least 0.84 g/cm^3.

6. The distillate boiling range composition of claim 1, wherein the first portion comprises 90 wt% to 95 wt% saturates relative to the weight of the first portion.

7. The distillate boiling range composition of claim 1, wherein the first portion comprises less than 10 wppm of sulfur, or less than 1 wppm of nitrogen, or a combination thereof.

8. The distillate boiling range composition of claim 1, further comprising one or more additives.

9. The distillate boiling range composition of claim 1, further comprising a cloud point of -60°C or less; or further comprising a freeze point of -50°C or less; or a combination thereof.

10. A distillate boiling range composition comprising a T5 distillation point of at least 270°C, a T95 distillation point of 400°C or less, and a density at 15°C of at least 0.85 g/cm^3, the composition comprising at least 70 wt% saturates, the saturates comprising at least 50 wt% naphthenes relative to a weight of the composition.

11. The distillate boiling range composition of claim 10, wherein the saturates comprise at least 60 wt% naphthenes relative to the weight of the composition.

12. The distillate boiling range composition of claim 11, wherein the composition comprises at least 90 wt% saturates relative to the weight of the composition.

13. The distillate boiling range composition of claim 10, wherein the composition comprises a density at 15°C of at least 0.86 g/cm^3.

14. The distillate boiling range composition of claim 10, wherein the composition comprises less than 1 wppm of sulfur, or less than 1 wppm of nitrogen, or a combination thereof.

15. The distillate boiling range composition of claim 10, wherein the composition comprises a cetane index of at least 50.

16. A composition comprising a T10 distillation point of at least 500°C and a T90 distillation point of 700°C or less, the composition comprising at least 75 wt% saturates, the saturates comprising at least 50 wt% naphthenes relative to a weight of the composition.

17. The composition of claim 16, wherein the composition comprises a density at 70°C of 0.86 g/cm^3 or less.

18. The composition of claim 16, wherein the composition comprises a CCAI value of 760 or less, or wherein the composition comprises a Conradson carbon residue of 1.5 wt% or less, or a combination thereof.

19. The composition of claim 16, wherein the composition comprises a kinematic viscosity at 100°C of at least 25 cSt.

20. A composition comprising a T10 distillation point of at least 370°C, a T90 distillation point of 700°C or less and a density of 0.86 g/cm^3 or less, the composition comprising at least 75 wt% saturates, the saturates comprising at least 50 wt% naphthenes relative to a weight of the composition.

21. The composition of claim 20, wherein the composition comprises a CCAI value of 760 or less, or wherein the composition comprises a Conradson carbon residue of 1.5 wt% or less, or a combination thereof.