CLAIMS:

1. A marine fuel composition having the following enumerated properties:

a kinematic viscosity at 50 °C of about 5 cSt to ~~700 cSt~~ about 100 cSt;

a wax endpoint temperature of less than about 100 °C; ~~and a ratio of~~

a kinematic viscosity at 100 °C ~~to operating viscosity greater than 1, wherein the operating viscosity is~~ of at least 2 cSt~~,~~; and ~~wherein the marine fuel composition exists in a liquid phase with essentially all the wax in the composition melted (essentially free of solid wax) prior to fuel injection into a marine engine.~~

a carbon residue of 0.5 wt.% to 10 wt.%.

2. The marine fuel composition of claim 1, wherein the kinematic viscosity at 100 °C is at least 10 cSt.

~~2.~~3. The marine fuel composition of claim 1, where the sulfur content of the composition is about 0.50 wt.% or less by weight of the marine fuel composition.

~~3.~~4. The marine fuel composition of ~~claims 1-2~~ claim 1, wherein the density at 15 °C of the composition is about 0.86 g/cm3 to about 1.01 g/cm3.

~~4.~~5. The marine fuel composition of ~~claims 1-3~~ claim 1, wherein the T90 distillation point of the composition is about 450°C to about 750°C.

~~5.~~6. The marine fuel composition of ~~claims 1-4~~ claim 1, wherein the carbon residue of the composition is about 0.5 wt.% to ~~18~~ about 5 wt.%.

~~6.~~7. The marine fuel composition of ~~claims 1-5~~ claim 1, wherein the asphaltene content of the composition is about 0.5 wt.% to about 10 wt.%.

~~7. The marine fuel composition of claims 1-6, wherein the marine fuel composition is a distillate marine fuel.~~

~~8. The marine fuel composition of claims 1-6, wherein the marine fuel composition is a residual marine fuel.~~

~~9.~~8. A marine fuel composition having the following enumerated properties:

a kinematic viscosity at 50 °C of about 5 cSt to about 700 cSt;

a wax endpoint temperature of about 35 °C to about 130 °C; ~~and a ratio of~~

a kinematic viscosity at wax endpoint temperature ~~to operating viscosity greater than 1, wherein the operating viscosity is~~ of at least 2 cSt~~,~~; and ~~wherein the marine fuel composition exists in a liquid phase with essentially all the wax in the composition melted (essentially free of solid wax) prior to fuel injection into a marine engine.~~

a carbon residue of 0.5 wt.% to 10 wt.%.

9. The marine fuel composition of claim 8, wherein the kinematic viscosity at wax endpoint temperature is at least 10 cSt.

10. The marine fuel composition of claim ~~9~~ 8, wherein the sulfur content is about 0.50 wt.% or less by weight of the marine fuel composition.

11. The marine fuel composition of ~~claims 9-10~~ claim 8, wherein the density at 15 °C of the composition is about 0.86 g/cm3 to about 1.01 g/cm3.

12. The marine fuel composition of ~~claims 9-11~~ claim 8, wherein the T90 distillation point of the composition is about 450 °C to about 750 °C.

13. The marine fuel composition of ~~claims 9-12~~ claim 8, wherein the carbon residue of the composition is about 0.5 wt.% to ~~18~~ about 5 wt.%.

14. The marine fuel composition of ~~claims 9-13~~ claim 8, wherein the asphaltene content of the composition is about 0.5 wt.% to about 10 wt.%.

~~15. The marine fuel composition of claims 9-14, wherein the marine fuel composition is a distillate marine fuel.~~

~~16. The marine fuel composition of claims 9-14, wherein the marine fuel composition is a residual marine fuel.~~

~~17.~~15. A marine fuel composition having the following enumerated properties:

a kinematic viscosity at 50 °C of about 5 cSt to ~~700~~ about 100 cSt;

a wax endpoint temperature of ~~-35 °C to -130 °C~~ 100 °C or less; ~~and a ratio of~~

a kinematic viscosity at ~~50~~ 100 °C ~~to wax flow viscosity of greater than 1, wherein the wax flow viscosity is calculated using an operating viscosity~~ of at least 2 cSt~~,~~; and ~~wherein the marine fuel composition exists in a liquid phase with essentially all the wax in the composition melted (essentially free of solid wax) prior to fuel injection into a marine engine.~~

a T90 distillation point of 450 °C or more.

~~18.~~16. The marine fuel composition of claim ~~17~~ 15, wherein the ~~wax flow~~ kinematic viscosity ~~is calculated using an operating viscosity of 12 cSt~~ at 100 °C is at least 10 cSt.

~~19.~~17. The marine fuel composition of ~~claims 17-18~~ claim 15, wherein the sulfur content is about 0.50 wt.% or less by weight of the marine fuel composition.

~~20.~~18. The marine fuel composition of ~~claims 17-19~~ claim 15, wherein the density at 15 °C of the composition is about 0.86 g/cm3 to about 1.01 g/cm3.

~~21.~~19. The marine fuel composition of ~~claims 17-20~~ claim 15, wherein the T90 distillation point of the composition is about 450 °C to about 750 °C.

~~22.~~20. The marine fuel composition of ~~claims 17-21~~ claim 15, wherein the carbon residue of the composition is about 0.5 wt.% to about 18 wt.%.

~~23.~~21. The marine fuel composition of ~~claims 17-22~~ claim 15, wherein the asphaltene content of the composition is about 0.5 wt.% to about 10 wt.%.

~~24. The marine fuel composition of claims 17-23, wherein the marine fuel composition is a distillate marine fuel.~~

~~25. The marine fuel composition of claims 17-23, wherein the marine fuel composition is a residual marine fuel.~~