CLAIMS

1. Use of a renewable paraffinic composition comprising at least 80 wt-% paraffins in the C16-C19 range based on the total weight of the renewable paraffinic composition for direct single phase immersion cooling of electronic hardware, wherein the electronic hardware is computer hardware.

2. Use of the renewable paraffinic composition according to claim 1 wherein the electronic hardware is a server.

3. Use of the renewable paraffinic composition according to claim 1 or 2 comprising circulating renewable paraffinic composition through a heat exchanging unit.

4. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the temperature of operation is within a temperature range from 15 °C to 90 °C, preferably from 15 °C to 75 °C, more preferably from 20 °C to 65 °C.

5. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises more than 90 wt-%, preferably at least 95 wt-%, more preferably at least 98 wt-% paraffins based on the total weight of the renewable paraffinic composition.

6. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises 90 wt-% or more, preferably 95 wt-% or more, more preferably 98 wt-% or more paraffins in the C16-C19 range based on the total weight of the renewable paraffinic composition.

7. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises more than 60 wt-%, preferably more than 70 wt-%, more preferably more than 80 wt-%, even more preferably more than 90 wt-%, and most preferably more than 95 wt-% isoparaffins based on the total weight of the renewable paraffinic composition.

8. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises 5 wt-% or less naphthenes, preferably 2 wt-% or less naphthenes based on the total weight of the renewable paraffinic composition, more preferably the renewable paraffinic composition is essentially free from naphthenes.

9. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises less than 2 wt-% C15 and lighter paraffins and preferably less than 5 wt-%, more preferably less than 2 wt-% C20 and heavier paraffins, based on the total weight of the renewable paraffinic composition.

10. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises more than 37 wt-% C17 paraffins, based on the total weight of the renewable paraffinic composition.

11. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition comprises more than 90 wt-% paraffins in the C17- C18 range, wherein the ratio of the amount of C18 i-paraffins to the amount of C18 n-paraffins is more than 40, based on the weight of the C18 i-paraffins and the weight of the C18 n-paraffins in the renewable paraffinic composition.

12. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition has a flash point of at least 125 °C, preferably at least 135 °C, more preferably at least 140 °C, even more preferably at least 145 °C (ENISO2719:2016).

13. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition has a kinematic viscosity below 15 mm^2/s, preferably below 10 mm^2/s, more preferably below 5 mm^2/s at 40 °C (EN ISO3104).

14. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition has a density within

the range from 700 to 850 kg/m^3, preferably from 760 to 800 kg/m^3, more preferably from 770 to 790 kg/m^3 kg/m^3 at 20 °C (EN ISO12185).

15. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition has an electrical conductivity less than 1 pS/m at 22 °C (ISO6297:1997).

16. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the renewable paraffinic composition has a volumetric specific heat within a range from 1.60 MJ/(m^{3}K) to 1.90 MJ/(m^{3}K) as measured according to ASTM D7896-19 at 20 °C and/or a thermal conductivity in a range from 0.11 W/(m·K) to 0.15 W/(m·K) as measured according to ASTM D7896-19 at 20 °C and/or a thermal diffusivity in a range from 0.06 mm^2/s to 0.09 mm^2/s as measured according to ASTM D7896-19 at 20 °C.

17. Use of the renewable paraffinic composition according to any one of the preceding claims, wherein the biogenic carbon content of the renewable paraffinic composition is at least 50 wt-%, preferably at least 70 wt-%, more preferably at least 80 wt-%, even more preferably at least 90 wt-%, based on the total weight of carbon in the renewable paraffinic composition (ASTM D6866 (2020) or EN 16640 (2017)).

18. A direct single phase immersion cooling system comprising:

a bath comprising:

renewable paraffinic composition comprising at least 80 wt-% paraffins in the C16-C19 range based on the total weight of the renewable paraffinic composition, and

electronic hardware immersed in the renewable paraffinic composition, wherein the electronic hardware is computer hardware.

19. A method for single phase immersion cooling comprising:

providing a bath comprising a renewable paraffinic composition comprising at least 80 wt-% paraffins in the C16-C19 range based on the total weight of the renewable paraffinic composition; and

immersing electronic hardware in the renewable paraffinic composition, wherein the electronic hardware is computer hardware.