What is claimed is:

1. A submersible fluid system for operating submersed in a body of water, the system comprising:

an electric machine;

a fluid-end, comprising a fluid-end housing having an inlet to a fluid rotor, the fluid rotor coupled to the electric machine and carried to rotate in the housing by a bearing in the housing; and

a fluid separator system that receives a multiphase fluid and dispenses flows of a multiphase fluid to the inlet and dispenses flows of a substantially liquid flow extracted from the multiphase fluid to the bearing through a port separate from the inlet.

2. The submersible fluid system of claim 1, wherein the fluid rotor is carried to rotate in the housing by the first mentioned bearing about one end of the fluid rotor and a second bearing about a second end of the fluid rotor and where the fluid separator system communicates a liquid flow extracted from the multiphase flow to the first mentioned bearing and the second bearing.

3. The submersible fluid system of the claim 1, wherein the liquid flow extracted from the multiphase fluid is at a temperature below the temperature of the bearing.

4. The submersible fluid system of claim 1, wherein the fluid separator system dispenses a fluid to a cavity surrounding the fluid rotor proximate a drive-end.

5. The submersible fluid system of claim 4, wherein the drive-end of the fluid rotor is coupled to an electric machine rotor of the electric machine by a coupling and the fluid separator system further dispenses the flow of the fluid to a gap between a portion of the coupling on the fluid rotor and a portion of the coupling on the electric machine rotor.

6. The submersible fluid system of claim 5, where the coupling comprises a magnetic coupling.

17. A method, comprising:

operating, at a depth underwater, an electric machine and a fluid-end, the fluid-end comprising a fluid-end housing having an inlet to a fluid rotor, the fluid rotor coupled to the electric machine and carried to rotate in the housing by a bearing in the housing; and

operating a fluid separator system that receives a multiphase fluid and communicates a flow of the fluid to the inlet and a substantially liquid flow extracted from the multiphase fluid to the bearing through a port separate from the inlet.

18. The method of claim 17 wherein operating the fluid-end includes rotating the fluid rotor while carried by the first mentioned bearing about one end of the fluid rotor and a second bearing about a second end of the fluid rotor.

19. The method of claim 18 wherein the fluid separator system communicates a substantially liquid flow extracted from the multiphase flow to the first mentioned and the second bearings.

20. The method of claim 17, wherein the fluid separator communicates substantially gas extracted from the multiphase fluid to a cavity surrounding a drive-end of the fluid rotor.

21. The method of claim 20, wherein the drive-end of the fluid rotor is coupled to an electric machine rotor of the electric machine by a coupling and the fluid separator system further dispenses a flow of fluid to a gap between a portion of the coupling on the fluid rotor and a portion of the coupling on the electric machine rotor.

22. The method of claim 21 where the coupling comprises a magnetic coupling.

23. The method of claim 20, wherein the fluid separator system further dispenses a substantially gas flow extracted from the multiphase fluid to a cavity surrounding the drive-end of the fluid rotor.

24. The method of claim 17, wherein the multiphase fluid is received at a separator tank comprising: