

for controlling such gas flow; conduit means for directing liquid to flow from said quantity thereof in said container to said lubrication point under the force of said gas volume, said means including a second valve means for controlling such liquid flow; and control means for operating both of said first and second valve means in response to the amount of pressure in said container, to open said first and second valve means when the pressure in said container exceeds a predetermined level and to close said valve means when the pressure in said container is lower than said level.

2. A pressurized lubrication system as in claim 1, wherein said conduit means for directing gas and liquid flow from said pressurized container to said lubrication point includes metering means for regulating at least one of said gas or liquid flow when said first or second valve means are open.

3. A pressurized lubrication system as in claim 1, wherein said means for controlling said first and second valve means includes a pressure switch operably connected to said pressurized container and at least one solenoid means which is actuated by said pressure switch to open at least one of said first and second valve means when actuated and to close at least one of said first and second valve means when deactivated.

4. A pressurized lubrication system as in claim 2, wherein said means for controlling said first and second valve means includes a pressure switch operably connected to said pressurized container, and at least one solenoid means which is actuated by said pressure switch to open at least one of said first and second valve means when actuated and to close at least one of said first and second valve means when deactivated.

5. The device of claim 2, wherein said metering means for regulating gas or liquid flow from said container to said lubrication point includes a metering valve manifold and at least one double tube means extending therefrom for separately transmitting gas and liquid flow from said manifold to said lubrication point, said double tube means including a gas tube and a liquid tube; said metering valve manifold including at least one adjustable metering valve for regulating flow in said gas tube and at least one metering valve for regulating flow in said liquid tube, such that the flow of gas and liquid through said gas and liquid tubes can be independently regulated.

6. The device of claim 5, wherein said means for controlling said first and second valve means includes a pressure switch operably connected to said pressurized container, and a solenoid means which is actuated by said pressure switch; said solenoid means including an armature and ganging means

movable by said armature to open and close each of said first and second valve means in response to movement of said armature upon actuation and deactuation of said solenoid means by said pressure switch.

7. The device of claim 1, wherein said means for controlling said first and second valve means includes a pressure switch operably connected to said pressurized container, and a solenoid means which is actuated by said pressure switch; said solenoid means including an armature and ganging means movable by said armature to open and close each of said first and second valve means in response to movement of said armature upon actuation and deactuation of said solenoid means by said pressure switch.

8. A method for intermittently supplying lubrication to at least one lubrication point, said method comprising: supplying a regulated flow of pressurized gas to a container for holding a volume of such gas and a liquid under the pressure of such gas; coupling the pressurized gas in said container to said lubrication point and controlling gas flow therebetween by a first valve means; coupling the liquid pressurized by the gas in said container to said lubrication point and controlling liquid flow therebetween by a second valve means; sensing the pressure in said pressurized container; and operating said first and second valve means in response to the sensed pressure by opening the latter when the pressure in said pressurized container rises to a predetermined level and closing them when such pressure falls below said predetermined level.

9. The method of claim 8, wherein said step of controlling gas and liquid flow from said pressurized container to said lubrication point includes metering the rate of flow of gas and liquid therebetween.

10. The method of claim 8, wherein said step of opening and closing said first and second valve means in response to the sensed pressure in said container includes activating an electrical switch by a pressure-sensing means, actuating at least one solenoid by means of said switch, and controlling the operation of said valves by said solenoid.

11. The method of claim 10, wherein said step of opening and closing said first and second valve means includes providing at least one solenoid and activating said solenoid when said switch is activated and deactivating said solenoid when said switch is deactivated; and operably connecting said solenoid to at least one includes the step of controlling both of said first and second valve means by a single solenoid unit.

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