

Are Lighters Perishable?

Lighters are susceptible to mechanical malfunction if they are not used for a long period of time.

First, if a lighter is unused for a long period of time, Rubber O-Ring (A) around Refill Inlet Valve (B) will start disintegrate -- see the below picture for the illustration of the lighter parts. Rubber O-Ring hardens and the gas tank will leak from Refill Inlet Valve.

Furthermore, Molt Pran (C), which controls flame height, will also lose its effectiveness. Molt Pran is made out of a material similar to sponge and is inserted between Flame Height Adjuster (D) and Gas Nozzle (E), which is connected to Burner Cylinder (F). Depending on the setting of Flame Height Adjuster, Molt Pran is squeezed with a different level of pressure and controls how much gas goes up through Gas Nozzle (E).

If the lighter is not used for a long period of time, Molt Pran hardens. If this happens, you can no longer adjust the flame height. Furthermore, hardened Molt Pran blocks butane gas from going up through Gas Nozzle (E).

In order to prevent the above from happening, we strongly recommend you to periodically (once every three months) perform the following, simple maintenance procedures:

- 1) Drain and refill the gas tank in order to prevent Rubber O-Ring from hardening
- 2) After draining and refilling the gas tank, ignite the flame several times at the different settings of Flame Height Adjuster. This will prevent Molt Pran from hardening.

If the lighter is used regularly, all the lighter parts maintain their effectiveness.

Lastly, we highly recommend our dealers to sell the Prometheus lighters within 12 months from their purchase date. The collectors of the Prometheus lighter are recommended to use their Prometheus lighters periodically in order to prevent them from malfunctioning.

