Maintenance instructions for Molok® locks

Molok filling lid locks are exposed to outdoor air and demanding weather conditions. Most containers are submerged in the ground, which means that, in winter time, the temperature inside a container is warmer than the ambient temperature.

When it is warm, the natural humidity in the air condenses onto cold surfaces and this can cause problems, such as locks freezing when the temperature drops below zero. In addition, ice can accumulate in the lock structures when snow melts and then freezes again. Follow these lock maintenance instructions to prevent locks from freezing, and to extend the service life and improve the functioning of locks:

LOCK PARTS

The mechanical and movable parts of the lock must be kept lubricated throughout the useful life of the lock. Lubrication is particularly important in the winter. The lubrication oil forms a thin protective layer on the lock parts and, when the temperature drops, prevents moisture from freezing between the moving parts. A properly lubricated lock can be used even if ice has formed. The best way to prevent freezing and lubricate locks is to use gun or lock oil.

1. Wash and clean the lock all over. You can use gun oil or a detergent to wash the lock and remove dirt. Dry the lock thoroughly, removing all moisture and detergents.
2. Lubricate all the surfaces of moving lock parts, applying a uniform layer of oil. These instructions apply only to lock parts manufactured by Molok Ltd.

LOCK CYLINDER

Always read the instructions provided by the lock manufacturer. The general recommendation is to oil lock cylinders and other lock parts in order to prevent freezing.

Defrosting a frozen lock cylinder

Follow the instructions provided by the lock cylinder manufacturer. The best way to defrost the cylinder is to apply a de-icer to the frozen elements. Do not attempt to heat the lock or key with a flame or, for example, with a hot air blower, as this may damage the structure of the lock or key. For example, you can use a water bag filled with hot water to apply heat to the lock. After using a de-icer, it is very important to dry the lock cylinder and oil it with gun oil or lock oil to remove all moisture that could freeze when the temperature drops again.

Lubricating the lock parts and lock of a filling lid and the lock of the drum lid service hatch.

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