



Industrial Line

Protector Fluid

Technical data sheet
n° 556 Rev. 13/05/2014

Category:

- Protectors for metals

Applications:

- Avoids corrosion of metals
- Removes traces of water in the treated manufactured products

Advantages:

- High fluidity
- Double effect
- Efficient

Protector with dewatering properties for all metals

Applications

Protector Fluid is a metal protective agent with a dewatering (dehydrating) effect based on special solvents, mineral oils, anticorrosive agents and water repellent additives.

Protector Fluid can also be used as a simple protector for indoor mechanical parts. The treated metal pieces are protected from oxidation up to about six months, under normal conditions (Indoor).

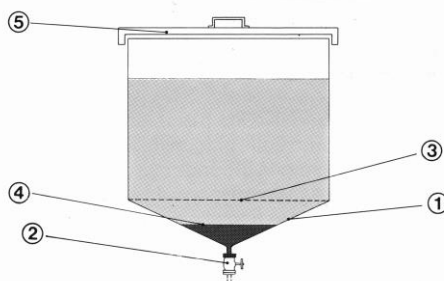
The product quickly eliminates water residues from mechanical parts or small metal parts after washing, without need for compressed air or oven drying cycles.

It also eliminates fingerprints, residues of grinding fluids, lubricants, etc.

Protector Fluid is perfectly soluble in lubricating oils and compatible with them.

Method of Use

If Protector Fluid is used as a protective and dewatering treatment, it is advisable to use it by immersion, as shown, in conical bottom tanks (1) equipped with a drain valve (2) in order to discharge water (4) and a lid (5) to limit evaporation.



It is advisable to place the pieces to be treated inside a metal basket, which must remain above the water level (to avoid contact of the pieces with the water itself).

Just immerse the pieces to be treated, and shake slightly.

Within a few seconds, Protector Fluid removes residual water and forms an oily, colourless and transparent protective film.



Method of Use (continues)

The pieces prove to be perfectly dehydrated and protected against corrosion.

The removed water, which has a specific gravity greater than Protector Fluid, is collected on the tank's bottom. If used as a simple protector, it can be applied with a brush, a cloth or spraying it.

Since the formed protective layer is very thin, it is generally not necessary to remove it. If necessary, the removal is possible with our solvent Solfast or with HB2003 diluted 1: 4 in water.

Technical features

Further information:

- Does not contain aromatic solvents (benzene, toluene etc.)
- Does not contain brominated and chlorinated hydrocarbons.
- Does not attack plastics and paints.

Appearance	Oily liquid
Colour	Pale yellow
Odour	Barely perceptible
Density at 15 °C	0.810 g/cc
Flash point	> 65 °C
Film thickness	2-3 μ
Yield	60/70 m ² /litre
Evaporation time of solvents	30/40 minutes
Min. duration of indoor protection	3 months
Salt mist (ASTM B-117)	> 100 hours

It complies with the specific MIL C15074 C Sect. 4.6.4

Product for industrial/professional use. The manufacturer declines all responsibility for any damage caused by an improper use of the product.