

# Mabanol Protect 310

Mineral oil based, water emulsifiable anti-corrosion agent

## Application

Mabanol Protect 310 is a mineral oil-based corrosion protection agent that can be emulsified with water or mixed with oil.

Suitable for: steel (alloyed and unalloyed), non-ferrous metal, cast iron, aluminum.

Mabanol Protect 310 is applied by dipping or spraying the workpieces.

## Properties

Thanks to its strong affinity to metal surfaces, Mabanol Protect 310 reliably protects against corrosion even on parts wetted with water, both when the treated workpieces are stored indoors and outdoors.

Both cold cleaners containing mineral oil and aqueous-alkaline cleaners are suitable for removing the corrosion protection film from the workpieces.

## Remarks

The correct new preparation of an emulsion takes place by slowly pouring the concentrate into the prepared preparation water while stirring at the same time or with the help of automatic mixing devices.

When mixed with oil, the concentrate is added to the base oil while stirring. The suitability of the base oil should be checked beforehand in a laboratory test.

Corrosion protection agent:  
10% - 40% in oil or water

Minor variations in colour and appearance could occur depending on the selected raw materials but have no impact on the functionality of the fluid.

## Storage of treated components

Indoor: max. 6 months

Outside under roof: max. 6 months

If prolonged protection is required, treatment with Mabanol Protect 310 should be repeated.

## Data

	Unit	Value
Density at 15°C	kg/m <sup>3</sup>	905
Kin. Viscosity at 20°C	mm <sup>2</sup> /s	112
Flashpoint PM	°C	74
Film thickness		depending on concentration

## Shelf life / storage conditions

Stable for 24 months when stored at a temperature of 5 °C to 40 °C in unopened containers

The above values may vary within the commercial limits.  
Updated in July 2021