

KORING 401 *Multifunctional Oil*

General:

The multifunctional oil KORING 401 is light yellow to slightly brownish low-viscosity liquid. It is a mixture of liquid hydrocarbons, anti-corrosive inhibitors and other additives.

KORING 401 is designed for products of ferrous as well as non-ferrous metals, in particular non-alloy steels and alloy steels, copper, brass, bronze, aluminium alloys, silver alloys, etc.

The product simultaneously carries out a number of functions – multifunctional application. The agent has degreasing and washing ability, high capillary attraction, excellent penetration, even into small gaps such as threads of bolt connections, it disrupts and dissolves corrosion, it lubricates and preserves against further corrosion.

It is used where a surface must be protected against induction of new corrosion or against spreading of already induced corrosion. It degreases and washes previous layers of lubricants, residuals of machining liquids and other impurities. It simultaneously creates a new anti-corrosive layer with sliding properties. Its effect is such that the agent can be used for lubrication of heavy-duty bearings.

Its capacities of capillarity and erosion of corrosion are above all used agents to loosen screw connections, joints, hinges, etc.

The agent is partially evaporating, so after having been applied, it increases its viscosity. However, the treated surface remains greasy.

Methods of Application:

The multifunctional oil KORING 401 can be applied by brushing, roller coating, sponging, compressed-air spraying or airless spraying or dipping.

The agent can in many cases be combined arbitrarily with mineral process oils, vaselines as well as other preservatives.

Examples of Application:

Cleaning and protection of products of engineering, metallurgical, tooling, electrotechnical and other industries, during transport and storage. It is simultaneously used for inter-operational processes, as well as expeditionary washing, and for anti-corrosive protection.

Cleaning and lubrication of sliding and rolling parts, including high-turnover bearings.

Loosening of stuck connections, above all screw connections, and their protection against corrosion spreading.

Everywhere they are used for lubrication or anti-corrosive protection of oil.

For polishing and simultaneous preservation of metal collection items.

Advantages:

Several functions in one agent. High washing and cleaning capacities integrated with protection through efficiency, lubrication and erosion of corrosion, at low consumption. A relatively long-term anti-corrosive protective action, wide limits of miscibility with preservatives. Due to its capillarity, it reaches even hard-to-get-at places. After having been partially dried, the agent no longer sags.

Packaging:

The multifunctional oil KORING 401 is delivered in 25 l plastic canisters, or in 200 l metal drums, or 1 m³ IBC containers. On the customer's request, it is possible to deliver at least 10 l of the agent by mutual agreement or products otherwise modified according to an order.

Storage Life:

Storage life of products is 24 months in the original packaging in stores at temperatures from 5 °C to 30 °C without being exposed to direct sunlight. The principles of work with class III combustibles must be observed during storage.