

# CONTRAKOR FLUID H 1

Long-term corrosion preventive, effective rust remover



## Your benefits at a glance

- Anticorrosion agent with long-term effect
- Dissolves rust and oxide layers
- Excellent lubricity, improved sliding
- Good penetration and distribution in narrow lubrication gaps
- Repels moisture
- Protects metal surfaces, also electric contacts
- Spray free of solvent

## Your requirements - our solution

CONTRAKOR FLUID H 1 is a thin-bodied, versatile lubricant based on mineral oil.

This long-term anti-corrosion agent offers excellent lubricity, improves sliding and has good penetrating properties, which makes it highly effective for use as a rust remover.

It is particularly useful in workshops, where a wide variety of lubricating jobs require quick and uncomplicated handling.

CONTRAKOR FLUID H 1 has a good cleaning effect and reliably dissolves dirt, oil residues, scale, etc.

It may be variably used for protection against moisture, as a contact oil in electric contacts or as a machining fluid.

### Application

#### *Corrosion preventive*

for all metallic surfaces, especially on machines, devices, tools, moulds, wire ropes, vehicles, battery terminals. Especially suitable for the long-term preservation of spare parts stored indoors.

#### *Rust remover*

for all parts affected/immobilised by rust, e.g. screw joints, pins, hinges, slides. The fluid spreads well and thoroughly penetrates the affected surfaces. A light rust film will be dis-solved quickly, severe rust takes somewhat longer.

#### *Lubricant*

For chains, bearings, springs, sliding points, wire ropes, antennas and joints. A thin fluid film is sufficient to ensure reliable reduction of

friction and wear.

#### *Dehydrating oil, moisture repellent*

for antenna boxes, ignition timers and ignition cables; in general for machines and devices that are frequently operated under open-air conditions. The fluid penetrates beneath moisture and repels water.

#### *Contact oil*

for clamped and screwed electric contacts and couplings. Ensures reliable passage of current and repels water.

#### *Machining fluid*

to provide cooling in machining pro-cesses without a coolant circuit. Helps to preserve tools and work-pieces and leads to better results.

#### *Cleaning and care fluid*

for penetration and dissolution of dirt, oil residues, scale, etc. Protects bright metal surfaces and preserves the appearance of decorative parts.

## Application notes

CONTRAKOR FLUID H 1 can be applied to clean, bright surfaces by means of immersion, spraying or brush. Immersion is primarily suitable for small parts, and spraying for larger ones.

## Material safety data sheets

Material safety data sheets can be requested via our website [www.klueber.com](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

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Pack sizes	CONTRAKOR FLUID H 1	CONTRAKOR FLUID H 1 Spray
Aerosol can 400 ml		+
Canister 1 l	+	
Canister 5 l	+	
Canister 20 l	+	
Drum 200 l	+	

## Hint

Except for the article number and the minimum shelf life, the spray data below refer to the solvent-free spray agent.

Characteristics	CONTRAKOR FLUID H 1	CONTRAKOR FLUID H 1 Spray
Article number	047044	081016
Appearance	clear - slightly turbid	clear - slightly turbid
Colour space	brown	brown
Density, DIN 51757, 20°C	approx. 0.88 g/cm <sup>3</sup>	approx. 0.88 g/cm <sup>3</sup>
Corrosion test, DIN EN ISO 6270-2, AHT	≥ 0 (10) corrosion degree (cycles)	≥ 1 (10) corrosion degree (cycles)
Salt spray test, DIN EN ISO 9227 / ASTM B117, based on standard, 5 % NaCl solution / steel S235JR+AR (RSt 37-2), corrosion after	≥ 5 h	≥ 5 h
Pour point, DIN ISO 3016	approx. -45 °C	approx. -45 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	60 months	36 months

## Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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