

# Peripheral equipment

Overview



## Ideal helpers for your production

Human Technology  
for man, environment  
and machines



HUTECH

# Superior fluids...

Quality is the key to success!



**Dr. Manfred Storr**  
Managing director

When Carl Christian Held started production of machine oils and greases in 1887, he laid the foundation stone for a medium-sized company that over the past decades has established itself as a specialist in the lubricants sector. oelheld GmbH has existed in its present form since 1989 and has been managed by Dr. Storr since 1973.

Forceful focusing on the development of high-tech lubricants for the metal-working industry has given us the opportunity to include products such as filter systems and inner-cooled grinding wheels in our portfolio.

The possibility to obtain this reasonable composition of different kinds of technologies from a single source provides an enormous economical benefit to our customers.

Another reason to set foot in this area of peripheral equipment is to extend our presence on the market and to offer the best service possible.

Since 1996 oelheld provides only proven quality to their customers. The DIN EN ISO 9001 and 14001 certification guarantees a reliable and high standard regarding the quality of our products and services.



## Peripheral equipment by oelheld

- Skin protection
- Machine cleaners
- Cleaning fluids
- Transport tank
- Hand refractometer
- Grease guns
- Emulsion mixing devices
- Corrosion inhibitors
- Oil binder
- Technical literature
- Fluid-Management
- Oil separator
- System of wipes

# Machines and devices

## Oil separator



This oil separator is made of stainless steel and sheet steel. The 15 liter tank for separated oil can be removed without tools.

The fluid surface is drawn off by suction using a skimmer. The skimmer is self-regulating and adjusts continually to the fluid surface and is attached to the KSS tank with a magnet. The removed fluids are gently transferred to a sedimentation tank.

### Technical data

Flow rate	Depending on setting up to 250 l/h
Oil removal	35 l/h
Electrical connection	230 V, 50 Hz, 0,45 kW, 3.5 A
Dimensions	L 750 x B 500 x H 950 mm

## AquaTec Mix Mixing devices



The mixing devices for drum use are suitable for the production of stable and homogenous emulsions within a wide concentrate range. All water-soluble cooling lubricant concentrates can be mixed.

### Capacity:

1500 l/h at a flow pressure of 1.5 to 10 bar. Water pipe R 1/2"

## Transport tank for emulsions or oil



- The transport tank is filled using an external pump or an emulsion mixing device.
- The medium is let out through an integrated filter (Additional equipment).
- An optional meter measures the exact volume that is let out.

# The little helpers

## LubTool® 4000 Universal-Cleaner-Spray



LubTool® 4000 is a highly effective cleaner-spray due to a complex formulation of several actively cleaning substances. It is eminently suitable for various fields of application.

LubTool® 4000 is especially applicable to remove resinified oil and grease remnants, various coatings, paints and marks from pens, as well as general stains from motors and machinery. It is used to prepare surfaces for adhesion or coating.

### Advantages:

- Removes fast and highly effective remnants of oil, grease, adhesives and sealants.
- 100% evaporation of the cleaner.
- Economic in use.
- Free from chlorinated hydrocarbon.

## LubTool® 6000 Corrosion protection for precision tools



LubTool® 6000 is a modern product which forms a thin, grease-like protective film. It offers reliable corrosion protection for long-term storage and heavy use.

LubTool® 6000 does not resinificate and can be easily removed after long-term storage. Sprayed parts can be EDM wire-cut without any problems.

LubTool® 6000 is free from FHC, CHC and FCHC.

### Technical data:

consistency	grease-like, soft
application	corrosion protection for inside and outside storage
removable with	cleaning solvent, universal cleaning spray LubTool 4000
corrosion test	> 600 h in climatic chamber with a film thickness of 25 µm

# Everything under control

## Tool case for Analysis



### Content:

- Merkoquant
  - Cobalt – Test
  - Hardness – Test
  - Nitrite – Test
  - Nitrate – Test
- pH-Indicator sticks
- Hand refractometer (Brix 0 – 15%)
- Digital thermometer (-50 – 200°C)
- Two beaker glasses
- 5 Pairs of rubber gloves (XL)
- Goggles
- 5 disposable pipettes
- Two stirring staffs
- Measuring cylinder (100 ml)
- Cover Skin

## CoverSkin Skin protection



CoverSkin does not only protect the skin's surface, as any other usual protection cream does, but functions also inside of the skin. Foaming it in both hands, CoverSkin finds its way into the top layer of the skin and then forms a protection against changing working materials which lasts at least 6 hours. Within this period of time one can wash as often as needed without losing the described protection after only one use of CoverSkin.

- CoverSkin forms an invisible protective film inside the skin which functions against detergents, harmful and provocative agents of aggressive chemical substances such as industrial oils, coolants, metal particles, dusts, mould, ink, paint, adhesives etc.
- CoverSkin provides protection against contact allergies.
- CoverSkin keeps the tissue of the skin from softening when wearing rubber gloves, avoids latex allergy and possible funguses.
- Tactile sensation, breathing and transpiration of the skin are preserved.
- CoverSkin is nonhazardous to eyes, mouth and food.
- Protective effect last around 6 hours.

# Further auxiliary

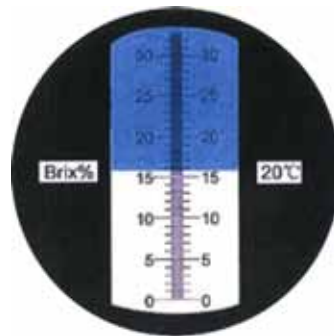
## Hand refractometer



The hand refractometer is an important tool and the fastest way to check the concentration of emulsions and grinding solutions. This is how to ensure an optimal use of those fluids.

Following advantages are achieved:

- Better use of machine
- Higher life expectancy of the tools
- Avoiding corrosion caused by low concentration
- Possibility to vary the concentration of the emulsion according to the regulations (TRGS 611)
- Reduction of costs



The scale of the hand refractometer is well illuminated and can be easily read.  
Prix 0 - 15%

## EvoSorb Universal binder Type III R



EvoSorb is a fine grained, reusable granulate based on alumina  $Al_2SiO_2$  and is suitable to bind chemicals, acids, alkali, solutions, oils, greases, petrol, oil/water-emulsions and other liquids.

It corresponds to the requirements of a multipurpose binder label: V.

One bag contains 10 kg which last for ca. 100 m<sup>2</sup>  
Loose weight ca. 550 g/l  
SRT-Value 8%

# Fluid-Management



## Fluid-Management

- Checking of fluid level and if necessary refilling.
- Draining, cleaning and flushing of the cooling system. If necessary we take charge of the new preparation of the coolant and of filling the system.
- Analyzing the coolant using chemical and physical methods. (Level of water, measuring the concentration using a refractometer, checking the nitrite level, determination of the pH-Value or the conductance value, determination of the microbial contamination by creating working stocks etc.)
- Restoring the right concentration.
- Maintenance with the help of oil separators or chemical additives.
- All services concerning coolants such as application support, preparation of documents (Lubrication plan, instruction manual etc.).
- Training on coolants.

## Literature



### TRGS 611

Restrictions when using water-mixables respectively water-mixed coolants where N-Nitrosamines may occur.

# High-tech products for machines – worldwide!

oelheld GmbH is not only represented with its own sales offices and production plants in France, Great Britain and the USA, but also has various representatives in most countries.

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Human Technology  
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