



Innovative Fluid Technology

Our principles M/S Oelheld GmbH, Germany are manufacturers of high quality metal cutting fluids and Dielectrics, since year 1887. Quality norms for high performance assurance are the key points for the success of Oelheld Products.

Grinding oils from the Oelheld are of excellent quality & are characterised by number of advantages that pay off for your process qualitatively and financially. By using Oelheld Products, especially grinding oils, one can expect longer tool life and superior quality of manufactured components. Often this becomes convincing/decisive argument for selecting the right cutting oil.

GRINDING FLUIDS

The right grinding fluid for every machine !

Our grinding fluids can be divided into 3 product categories :

**PAO - polyalphaolefin
(SintoGrind Series)**

**Hydrotrack
(DiaGrind Series/DiaMond)**

(we have coloured each section to help distinguish between the sections.)

**Mineral oil
(Tool Grind / Gear Grind)**

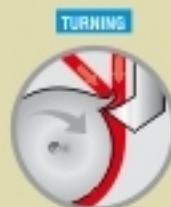


The benefits with oelheld.

- ▶ Faster machining
- ▶ Less tool Wear
- ▶ Better surface finish
- ▶ Low foaming
- ▶ No filter problems
- ▶ Good compatibility with all machine parts.
- ▶ Manufacturers approvals
- ▶ No cobalt leaching
- ▶ No Hairline cracks at the work piece surfaces.
- ▶ Resistant to ageing.
- ▶ High flash points with low viscosity.

Product range of Metal cutting oils

Gear Grinding, Gear hobbing.	Tool Grinding :	Jig Grinding :	Cutting , Drilling, Milling, Turning
Sintogrand 353	SintoGrind TTS / TTK	DiaMond 120	Sintocut
DiaMill HEF 1100	DiaGrind TTS / TTK	SintoGrind TTS / TTK	DiaGrind 535/15 or 535 / 25
	ToolGrind	DiaGrind TTS / TTK	SulFol LCA / LCD / LCO /LCI
Spindle cooling fluids.	AquaTec 5001 / 7000	ToolGrind	AquaTec 7539, 7560
Controxid 1642	RotoRol HM /SYN		RotoRol Plus ASA / Pro 6163



Dielectrics

The high - performance dielectrics from oelheld are made from synthetic base oils and contain discharge - intensifying, wear - reducing additives and ageing inhibitors for use in electric discharge machining (EDM).

The right dielectric for every machine

Our dielectrics for EDM can be sub-divided into 3 product categories :

IonoPlus[®] Series

IME Series

(shaded for easier identification)

EcoSpark 105

(shaded for easier identification)



EDM

erosion discharge machines :
IonoPlus[®] Series / IME / EcoSpark

EDM

wire cutting machines :
IonoFil / ControFil 2

EDM

fast hole drilling machine :
IonoVit

The Advantages of our dielectrics

The dielectrics from oelheld are characterized in particular by performance-enhancing and application - friendly properties.

- 1) Less Electrode wear.
- 2) Better polishing results
- 3) Faster Machining.
- 4) No Filtration Problems.
- 5) Neutral odour.
- 6) No health hazards.

Product range of Dielectrics

Die Sinking EDM.

IonoPlus IME-MH

IonoPlus 3000-US

IonoPlus 3000-ET-US

IME 82 / 110 / 123.

WireEDM

IonoFil.

EDM Grinding.

IonoGrind.

Fast hole drilling.

IonoVit*S

DIE SINKING EDM



WIRE EDM



SPECIAL APPLICATIONS



FAST HOLE DRILLING



For additional technical details visit our principals at www.oelheld.de

Oelheld Products are approved by most of the European / German Machine Manufacturers. Oelheld products are specially developed for

Reishauer AG. ,

Hofler GmbH,

Gleason- Hurth,

Rollomatic S.A ,

Junker,

Vollmer Werke GmbH,

Saacke GmbH,

Walter GmbH,

Deckel GmbH,

Klingelberg GmbH,

Mikromat GmbH,

Peter Wolters AG,

Wendt GmbH.



Indian counter part of oelheld, Germany

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