

# *Jokisch Product Catalog*



*Water Soluble Fluids, Metalworking Oils,  
Anti-Spatter Products for Welding  
and Anti Corrosion Products*



**jokisch**<sup>®</sup>

Fabrik für Schmier- und Kühlmittelspezialitäten

## The Hot Solution!

Since the launch of Jokisch GmbH, Germany in 1961, Jokisch® has become one of the leading names in the metalworking industry. Innovative products are the result of intensive work in research and development.

In more than 30 countries Jokisch has established long time partnerships and is investing constantly into new partnerships. Over 13.000 customers are convinced about the quality products and related services from Jokisch.

Our long time partners and distributors all over the world, are supplying our customers with Jokisch® products and individual services.

Jokisch is the flexible element for larger companies, which don't do smaller series of small packaging or can't do those because of economical reasons. Jokisch® offers this service! From 60 ml and smaller to 500 ml, from the 1 liter canister up to larger fillings and on request with customized labels. Everything is possible!

As individual as the products is the service. Jokisch® customers prefer the individual personalised advice and support – through friendly and competent staff.

Many diverse applications as well as exotic materials command special products for the given processes. On top of water-soluble coolants, Jokisch® has also built a strong reputation with our excellent tapping fluids.

Besides our metalworking and anticorrosion portfolio, Jokisch® is a leading supplier of a range of anti-spatters and nozzle dip products for the welding industry.

Jokisch® products have a distinct high degree of stability, allowing a work environment without the use of problematic stabilizers, thus providing environmental friendly long term stability and hence reduction potential of overall costs.

From new developments over the existing product portfolio, Jokisch® products are supported by experienced developers.

The challenges in the industry are increasing - Jokisch® is offering solutions! We like the challenge!

## Jokisch Product range

The icons represent the 5 different product groups:



Water-Soluble Fluids



Anti Spatter Welding Fluids



Metalworking Oils



Corrosion



Accessories

### Water-Soluble Fluids

Water-Soluble Fluids are added to water to create an emulsion. The percentage concentration varies from typically 2% for grinding, to about 8-10% for heavy duty applications and difficult materials. The cooling effect is the main task of water-soluble fluids.

### Metalworking Oils

Metalworking oils are based on highly refined mineral oils with specially selected additives to improve properties like cutting performance, corrosion protection and extended tool life. The lubricating effect is the main task of metalworking fluids.

### Anti-Spatter Welding Fluids

Environmentally friendly, silicone-free, anti spatter for MIG and stick welding. Anti Spatter Welding Fluids prevents spatter from adhering to the material therefore allowing easy and cost-effective welding, without additional removal processes.

### Corrosion Protection

Jokisch rust preventatives protect intermediates between working processes or finished products reliable against corrosion. From short to long storage times, in door and outdoor!

### Accessories

The Jokisch Accessories line include Jokisch Derma Skin Protection, Cleaner, Emulsion Care, Spindle Oils and everything for the machine tool.



ISO 14001:2004  
BS OHSAS 18001:2007  
DIN EN ISO 9001: 2008



# Water-Soluble Fluids

Product	Description	Refractometer Index	Mineral oil concentrations in %	pH-Value	Dilution light up to heavy performance	EP-additive and sulphur content	Materials					Application																							
							High alloyed steel	Steel	Cast iron	Non-ferrous metal	Aluminium	Turning	Drilling	Milling	Sawing	Grinding	Stamping	Tapping																	
Performance improver																																			
<b>Jokisch Performance Improver WMK</b>	Is used to improve the lubricity of water-based metalworking fluids. Excellent lubricating properties - characterized by long tool life, increased surface finish, lower reject rates etc. Excellent flushing properties allows clean workpieces and machine tools. Low foaming tendency- even with soft water and high pump pressures.	1,1	-	7	0,3 - 1																														
Synthetic Fluids																																			
<b>Jokisch Compact ST</b>	Water soluble metalworking fluid for stamping and drawing applications. The performance can be adjusted by changing the concentration level	1	0	8,4	5 - 50	very highly treated with additives/S	●●●●	●●●●			●																								
<b>Jokisch Hyper DK 12</b>	Water soluble, clear coolant- and chipping fluid with extra corrosion protection. For general purpose applications. Suitable for all types of machining such as tapping and drilling, centering, broaching, sawing, milling, reaming, engraving, etc. <b>Free of formaldehyde.</b>	1,6	0	9,5	5 - 10	mildly treated with additives	●●	●●●●	●●	●	●																								
<b>Jokisch Hyper DK 13</b>	Synthetic metalworking fluid for universal use on all common materials. For cutting with defined blade at metalworking processes and suitable as Hydroforming Fluid with antiwear additives (water hydraulics)	1,7	0	9,2	5 - 15	mildly treated with additives	●●	●●●●	●●	●	●																								
<b>Jokisch Hyper B0</b>	Like Jokisch Hyper DK 13, but more suited for heavy to very heavy duty and intricate chipping processes. Excellent tramp oil separation properties. Long-life stability of the emulsion. Particularly suitable for machining operations where improvement of lubrication properties is required, such as turning, drilling, milling and threading.	1,4	0	9,4	5 - 14	very highly treated with additives	●●●●	●●●●	●●	●	●																								
<b>Jokisch NBK</b>	Synthetic grinding coolant with excellent corrosion protection (transparent and water clear). Also suitable as a presswater additive.	2	0	9,5	2 - 5	highly treated with additives	●	●●●●	●●●●	●●●●	●●●●																								
<b>Jokisch NBK SKI</b> 	Like NBK but developed exclusively for grinding glass, ceramics and plastic processing. (Ski industry) <b>Free of Formaldehyde and boric acid.</b>	2,3	0	8,9	2 - 7	mildly treated with additives	●	●●●●	●●●●	●●●●	●●●●																								
<b>Jokisch SKS</b>	Same application as NBK, but for grinding hard-metal. Contains cobalt inhibitor!	1,5	0	8,9	3 - 5	highly treated with additives	●●	●●●●	●●●●	●●	●●																								
<b>Jokisch Presswater Additive 1</b>	Is used as an antifreeze and corrosion protection medium in all technical areas, e.g. Heating pumps, soil testing probes, air conditioners, heat recovery systems, heating and cooling systems. The inhibitor system protects all commonly used metallic materials securely from corrosion and deposits. Jokisch Presswater Additive 1 is suitable as frost- and corrosion protection additive according to VDI guideline 2035.	2	0	8,6																															

- not suitable   ● suitable with restrictions   ●● suitable   ●●●● very suitable



# Metalworking Oils

Product	Description	Viscosity (40°C) Flashpoint (°C) (PM) Density 20°C (kg/m³)	Materials					Application							
			High alloyed steel	Steel	Cast iron	Non-ferrous metal	Aluminium	Turning	Drilling	Milling	Sawing	Grinding	Stamping	Tapping	Microfabrication
<b>Cutting Oils</b>															
<i>Jokisch</i> <b>Cutting Oil VEG</b>	Chlorine and mineral oil free, easily bio-degradable. Especially for tapping at machining processes. Suitable for almost all manual metalworking operations, such as drilling, turning, milling, stamping. For all materials such as steel, non-ferrous metals and aluminium.	37 >180 910													
<i>Jokisch</i> <b>Special Cutting Oil S 91</b>	Based on renewable raw materials products – environmentally friendly – skin friendly. High performance universal cutting oil, based on natural components. Excellent for drilling, threading,reaming, broaching, turning and milling of all kinds of materials such as high alloyed stainless steel, chrome-nickel alloys, carbon and tool steel, titanium, manganese, copper, brass, bronze, cast iron. Because of the viscosity suitable for pumping systems as well as hand applications. Also available in spray cans!	20 >180 900													
<i>Jokisch</i> <b>Special Cutting Oil S 94</b>	High performance cutting, drawing and stamping fluid. Based on low aromatic mineral oils with excellent evaporation properties. Applications and properties comparable to Special S 91.	23 >180 900													
<i>Jokisch</i> <b>HDS 400 CF</b>	Cutting fluid for most difficult metalworking applications on high-alloyed steels with high strength. Can be used for chromium - nickel steel, titanium, manganese and carbon-hydrogen - steels. Proved on high-alloy and stainless steels. Also available in spray cans!	85 >180 890													
<i>Jokisch</i> <b>HDS 500 CF</b>	Excellent cohesive properties – High viscosity – High performance, especially for hand cutting, stamping and drawing applications. Suitable for all kinds of steel.	173 180 910													
<i>Jokisch</i> <b>Supra NEOC 1311</b>	Special cutting and drawing fluid with EP additives for non-ferrous materials such as aluminium, aluminium alloys, brass, bronze and copper. Due to the choosen viscosity it is suitable for fine tolerance metalworking applications.	30 165 890													
<i>Jokisch</i> <b>Ultra AOC 722</b>	Heavy duty machine cutting fluid for medium cutting speeds in turning-, milling and interlocked wheel production machines. Might discolour copper and copper alloys.	34 165 900				-	-								
<i>Jokisch</i> <b>Alu-N</b>	Evaporating metalworking fluid, almost residue free. Especially for cutting and deforming of non-ferrous materials such as aluminium and aluminium alloys.	4,2 72 750	-	-	-										
<i>Jokisch</i> <b>Alu-N Plus</b>	Because of the EP additives this fluid has a higher performance than Alu-N. Better tool life also when processing steel.	4 58 750	-												
<b>Multipurpose Oils</b>															
<i>Jokisch</i> <b>High End Cutting Fluid Extreme</b>	High Performance Cutting Fluid for the machining of steel, titanium, copper and aluminium alloys. Suitable for machining of medical implants made of stainless steel and titanium alloys. Compatible with conventional sealing materials and coatings used in engineering.	16 180 872													
<i>Jokisch</i> <b>Machining Oil X 22 / X 32</b>	Can be used as a cutting, hydraulic and gearbox oil. Wide range of applications in machining centers. Also suitable for non-ferrous material such as copper, brass and bronze. Hydraulic oil according to DIN 51524 part 2 and gearbox oil according to DIN 51517 part 3.	22 190 865 32 210 868	-												
<i>Jokisch</i> <b>Additive Package</b>	Is used as a performance improvement for used metalworking oils. Standard additions depends on the level of performance of the oil in use (3 to 7%).	53 >100 960													

- not suitable   suitable with restrictions   suitable   very suitable



Product	Description	Viscosity (40°C) Flashpoint (°C) (PM) Density 20°C (kg/m³)	Materials					Application							
			High alloyed steel	Steel	Cast iron	Non-ferrous metal	Aluminium	Turning	Drilling	Milling	Sawing	Grinding	Stamping	Tapping	Micro-lubrication
<b>Honing and Grinding Oils</b>															
<b>Jokisch Universal Grinding Oil Plus</b>	For grinding operations with CBN and ceramic grinding disks at high cutting speeds. The product is mainly used to manufacture gearwheels such as gear flank grinding. Because of the EP additives this fluid also allows machining processes such as hobbing and gearwheel pushing.	9 175 835	●●	●●●●	●●●●	●●	●	●	●	●	●	●	●	●	●
<b>Jokisch Special Grinding Oil S 2536-14</b>	For grinding ferrous and non-ferrous materials at high speed. With EP additives for extra high pressure performance. Extremely low evaporation properties due to synthetic base components.	13,5 170 863	●●	●●	●●	●●	●	●	●	●	●	●	●	●	
<b>Jokisch Special Grinding Oil S 2536-8</b>	For high speed grinding applications of hard metals and HSS e.g. grinding of cutting tools. Also suitable for fine grinding of low to medium alloyed steels and non-ferrous metals.	8,5 160 845	●●	●●	●●	●●	●	●	●	●	●	●	●	●	

– not suitable   ● suitable with restrictions   ●● suitable   ●●●● very suitable

Product	Description	Viscosity (40°C) Flashpoint (°C) (PM) Density 20°C (kg/m³)
<b>Electrical Discharging Machining Oils</b>		
<i>Due to its viscosity Jokisch Electrical Discharging Machining Oils (EDM) are suitable for all types of spark erosion. Applications from roughening to super finishing. Also suitable for superfinishing and honing as well as crack detection oil.</i>		
<b>Jokisch EDM Fluid 19</b>	Primarily used for fine finishing, the oil provides an effective spark erosion. Also in very small erosion slots shows the product a good flushing performance. A surface roughness of 1 micrometer or even lower is possible.	1,9 58 761
<b>Jokisch EDM Fluid 24</b>	Based on specially refined technical whiteoil with high purity. A very low aromatic content enables good improvements of the work environment. The fluid is primarily used for roughening and finishing. Furthermore Jokisch EDM Fluid 24 is suitable for superfinishing and honing as well as crack detection oil.	2,2 105 800
<b>Jokisch EDM Fluid 3204</b>	Based on high performance synthetic hydrocarbons, with low aromatic content, primarily suitable for spark erosion applications. Ageing resistant. High dielectric strength combined with low conductivity. In connection with an optimised process control, this product can increase the output by up to 40%.	1,9 103 772





Product	Description	Viscosity (40°C) Flashpoint (°C) (PM) Density 20°C (kg/m³)	Materials					Application						
			High alloyed steel	Steel	Cast iron	Non-ferrous metal	Aluminium	Turning	Drilling	Milling	Sawing	Grinding	Stamping	Tapping
<b>Stamping and drawing oils</b>														
<i>Jokisch HFF 18 CF</i>	Stamping and drawing oils with specially selected polar components and dedicated corrosion protection properties for deep drawing and fine punching. Precisely selected extreme pressure additives make these oils also suitable for profile-, tube- and wire drawing.	60 144 168												
<i>Jokisch HFF 20 CF</i>		180 180 180	●●●●	●●●●●	●●	●●	●●							●●●●
<i>Jokisch HFF 22 CF</i>		890 910 910												
<b>Pastes</b>														
<i>Jokisch AP 897 CF</i>	Chlorine-free cutting paste suitable for heavy machining: Tapping, threading, cutting, drilling, deep drawing, etc.. On all kinds of materials such as titanium, tool steel, stainless steel, molybdenum. Apply with brush or simply dip into the paste.	- 250 1000	●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
<i>Jokisch Manual WAC 201</i>	High performance cutting paste in a cardboard shell tube for circular saw blades and band sawing. Also suitable for threading and drilling. Easy dosage by shortening the sleeve.	- 250 1000	●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
<b>Microlubrication</b>														
<i>Jokisch Air Cutting Oil</i>	Special cutting fluid for air mist systems. Suitable for aluminium (alloys), copper (alloys) and steel. Also for very fine stamping applications.	27 189 830	●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
<i>Jokisch Air Cutting Oil EP</i>	Based on renewable raw materials special cutting fluid for air mist systems. Because of extra EP additives suitable for materials such as medium to high alloyed and stainless steel.	20 180 900	●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
<i>Jokisch Air Cutting Oil Ultra</i>	Jokisch Air Cutting Oil Ultra is a very special air mist lubricant for precision drilling and other heavy duty applications. The extreme high EP / AW rating makes it possible to work on materials such as alloyed steel, aluminium and other materials that create "build up material" on tools.	70 196 980	●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●

- not suitable   ● suitable with restrictions   ●● suitable   ●●●● very suitable



Product	Description
<b>Sprayline</b>	
<i>Jokisch Special cutting Oil S91</i>	Chlor- and mineral oil-free cutting spray based on vegetable products. Excellent for drilling, threading, milling, sawing. Proven outstanding performance for high alloyed and stainless steels. Also available in 2-chamber spray tins: 100% active product and no flammable propellant!
<i>Jokisch HDS 400 CF</i>	High performance spray for extremely hard metalworking applications on high alloyed steel with high stability. Jokisch HDS 400 CF can be used for chrome-nickel steel, titanium, manganese and carbon-hydrogen steel. Approved on high-alloyed and stainless steels. Excellent for drilling, tapping, reaming, reducing, turning and milling.
<i>Jokisch Foam Cut</i>	Sulfur- and mineral oil-free - low consumption - high performance - washable with water. Jokisch Foam Cut allows an economic process with the least tool wear. Based on the strong adhesion Cutting Foam for the targeted job on the workpiece, an economic processing is possible. Excellent for tapping, threading, reaming, drilling and milling. Due to the special formulation of the Jokisch Foam Cut a compatibility with all water-based lubricants is guaranteed.

## Jokisch LB 100 Liquid

LB-100 Liquid is an environmentally friendly silicone-free anti spatter for MIG and stick welding. This product prevents spatter from adhering to the material therefore allowing easy and cost-effective welding. LB-100 Liquid can be used on all metals including steel, stainless steel, and others.

### Product benefits:

- No sticking of spatter
- Easy cleaning of the weld seam
- No problems generated for further processing (plating, painting etc.)
- Excellent temporary corrosion resistance

### Safety/ Environment:

- Non flammable
- Non dangerous product
- No release of chlorofluorocarbons
- Contains no chlorinated solvents
- Environmentally friendly due to the use of ingredients of renewable resources

Without the use of an anti-spatter, spatter will burn itself into the work-piece resulting in a time-consuming mechanical operation of removal. Corrosion resistance is compromised resulting in lower product quality.

Using LB-100 Liquid, spatter will not stick to the surface and spatter can be easily removed. A clean surface



without Jokisch LB 100 Liquid



with Jokisch LB 100 Liquid

## Jokisch LB 100 Liquid, Concentrate

Packaged as a concentrate and mixed with water on site, ready for use. Very cost effective. Mixing ratio 1:3 up to 1:5 with water

## Jokisch LB 100 Liquid, premixed

Packaged as a premixed solution ready to use as it is. LB-100 Liquid can be applied very efficiently and cost effectively, with a hand-sprayer (plastic or aluminium) or with a refillable air spray can.

### Application systems:

LB 100 liquid can be applied very efficiently and cost-saving with a hand sprayer (plastic, aluminium) or air-refillable spray can.

## Jokisch LB 100 Liquid 2-Chamber-Aerosol

This spray works on the principle of a two-chamber system and uses only pure concentrate in one chamber and compressed air in the other.

### Product benefits:

- No flammable propane butane
- No chlorinated solvents
- Minimum 3 times more economical than a regular aerosol
- Two-chamber compressed-air system
- VOC free
- Spraying in every position, even in overhead operation
- No complications with further processing of painting, galvanizing etc.

## Jokisch Tool Protect

### - Protection for your welding Equipment

Tool Protect forms a protective layer on items such as tooling, fixtures, welding tips, nozzles and equipment.

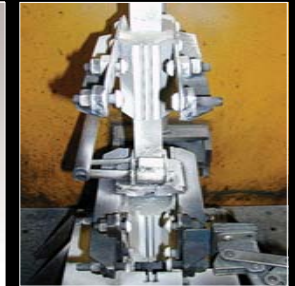
No sticking of welding spatter and molten metal to welding clamps and accessories. Time between cleaning of welding nozzle or tip is dramatically extended. Tool Protect is available in liquid form as a 200ml tin or in 400ml spray can.

### Product benefits:

- No adhesion of weld spatter and molten metal parts to the welding terminals
- The service life of the burner nozzle will increase



Welding nozzle



Coated jig

## Jokisch Cleaner Fat CF 1111

Nozzle Dip CF-1111 prevents the sticking of welding spatter to welding nozzles and tips.

Extends service life of tips and nozzles. Application is by dipping the hot nozzle 20 - 30 mm into Cleaner Fat CF 1111.



2-chamber spray tin







## **Jokisch Corrosion Protection Oil DW**

Solvent based, film forming corrosion protection oil with excellent dewatering properties. Conservation of semi-finished (products) and finished products between working operations (after emulsion processing, after alkaline cleaning). Builds a thin oil film which protects the parts from contact corrosion and humidity. Suitable for the final preservation of indoor storage. Corrosion protection time 4-6 months.

## **Jokisch Corrosion Protection Oil DW Plus**

Jokisch Corrosion Protection Oil DW Plus leaves a thin oily protective, vaseline like, self-healing film on surfaces requiring medium-term temporary protection. Premium quality dewatering properties, rust preventives with good penetrating ability and effective in neutralising finger prints. Jokisch Corrosion Protection Oil DW Plus is excellent for final packaging protection with indoor protection of up to 12 months & outdoor undercover protection of up to 24 months.

## **Jokisch Corrosion Protection Wax 70**

Jokisch Corrosion Protection Wax 70 is a highly viscous, all-purpose anti-corrosion product. Suitable for a long-term protection on the inside and outside storage of machinery and plant components, even in adverse conditions (see transport). Jokisch Corrosion Protection Wax 70 can be applied by spraying, dipping or brushing. The residual film offers reliable protection against corrosion and is easy to remove when needed.

## **Jokisch Corrosion Protection Wax DW**

Jokisch Corrosion Protection Wax DW is a solvent based long time corrosion protective for metallic surfaces with excellent dewatering properties. Suitable for corrosion protection for metallic surfaces of all kinds, which are temporarily stored for a long time.

### **Corrosion Protection Time:**

Indoor Storage = 60 months  
Outdoor undercover Storage = 24 months  
Outdoor Storage = 12 months



## Cleaning solution

### Jokisch Bio universal cleaner

Bio universal cleaner is a highly concentrated aqueous cleaner which removes dyes, colour pigments as well as oil, grease and fat contaminants without harming the surfaces. Biodegradable cleaner for universal use in industry and workshops. Depending on the dilution ratio, suitable for all metals including short term corrosion protection. Product is exempted from the specific labelling requirements of hazardous products according to ordinance on hazardous substances.

### Jokisch Cold Degreaser L100

Hydrocarbon-based detergent with anti-corrosion properties. Flash point 65°C. Working temperature max 40 °C. For use in immersion baths, small parts washing systems, high pressure cleaning systems and for manual cleaning. Short term corrosion protection. Suitable for all metals.

### Jokisch Cold Degreaser L100/56

Degreaser which evaporates entirely, based on aromatic free hydrocarbons. Flash point 56°C. Working temperature max 40 °C. For use in immersion baths, small parts washing systems, high pressure cleaning systems and for manual cleaning. Suitable for all metals.

### Jokisch 5-Function Spray

#### Universal for many applications:

Contact spray, lubrication, rust remover, cleaner, permanent protection against corrosion, displaces moisture and water. Excellent creep characteristics, acid free, no resinification. Also available in liquid form.



### Jokisch Easy Clean

High Performance Degreaser for all sectors in industry and handcraft. Intense quick cleaning for oily and greasy parts. Evaporates quickly and leaves no residues.

#### Double cleaning power:

Chemical - by powerful ingredients  
Mechanical - due to the high pressure outlet

### Jokisch Citro Clean

Removes oils, greases, adhesives, lubricants, resins and PUR. Short cleaning times through high dissolving properties. The special additives of Jokisch Citro Cleaners cause rapid drying of the treated surfaces. Idle times between working operations are reduced to a minimum. 100% bio-degradable and pH neutral. Also available in liquid form!

## Emulsion care

### Jokisch Anti foam fluid WMK

Anti foam fluid WMK offers maximum compatibility with the subsequent usual treatment procedures of metal, hence machined parts after cleaning can easily be painted or coated.

### Jokisch Emulsion Care Kit

Contains hand refractometer and test strips for checking levels of: pH, nitrite, nitrate, water hardness, bacteria and fungi.

### Jokisch Handrefractometer

To make a proper check on coolant concentration.

### Jokisch Oilscimmers

Chain- and band- scimmers for continuous or periodic removal of leaked in oils.

## Spindle Oils

### Jokisch High Speed Superfine Spindle Oil 32,46,68

Jokisch High Speed Superfine Spindle Oils are fine filtrated HLP-D hydraulic oils according to DIN 51 524/T2. These products matching the purity levels to ISO Standard on 15/ 13/ 10. Excellent high thermal stability, wear and corrosion protection additives, as well as excellent detergent and dispersing properties.

## Slideway Oils

### Jokisch Slideway Oil 68 and 220

Demulsifying special slideway lubricant. Can also be used as hydraulic oil according to DIN 51 524/2 and in gearboxes. Attention: For all water soluble fluids only use slideway oils with demulsifying properties.

## Emulsion Mixing Units

### Jokisch Mixing device for plastic cans and drums

One mixing device for all container sizes. Essential for all workplaces where homogeneous emulsions are prepared. Through precise mixing economical use of emulsions is possible.

### Jokisch FAG 800

The Jokisch FAG 800 precision mixing device is the result of years of experience and continuous development of existing systems. The drum cap mixing device is suitable for producing stable and homogeneous emulsions in a wide range of concentration levels. With this unit all water based coolant concentrates can be used to prepare the required emulsions.



Mixing device for plastic cans and



Band skimmer



## Jokisch Hand- and skin protection program Skin protection - Skin cleansing - Skin care

### **Jokisch Derma Clean Mild**

Mild skin cleansing lotion with good cleaning properties and an excellent skin tolerance suitable for light dirt, e.g. for jobs in offices and administration. Good skin tolerance because of a balanced tenside combination.

### **Jokisch Derma Clean Mild Plus**

Hand cleansing paste for heavy dirt with biodegradable scrubbing agents.

Is suitable for heavy dirt e.g. from greases, oils, metallic dust, graphite or soot.

### **Jokisch Derma Care**

Skin care cream for hands and face. Supports the natural regenerative process of the skin. Is quickly absorbed and does not leave an annoying greasy film on the skin.

### **Jokisch Derma Protect**

Universal protective lotion with dual effect. Protection for workplaces with constantly changing harmful substances e.g. frequent / long-lasting contact with aqueous and oily media. Strengthens the upper layers of the skin. Supports the natural regeneration capability of the skin.

### **Jokisch Hand protection foam**

For temporary protection of the hands if gloves are not acceptable. Protection against hazardous substances of solvents, alkalis, acids, detergents, metal contacts, oils, greases, long lasting contact with aqueous media.

### **Jokisch Derma Dispenser**

High-quality metal or plastic dispenser for a 2000 ml bottle.



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Georg-Judersleben-Str. 1  
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Tel: +49 36461 2169-7  
Fax: +49 36461 2160-6  
Mobil: +49 171 6235246  
matthias-jacobi@t-online.de

### Nordrhein-Westfalen

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Kühlmittel-Spezialitäten  
Tel: +49 5202 9734-0  
Fax: +49 5202 9734-49  
info@jokisch-fluids.de  
www.jokisch-fluids.de

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Am Bahnhof 12  
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Fax: +49 6854 8628  
Mobil: +49 163 4714717  
Thilo.Klemm@t-online.de

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NL-5081 CT Hilvarenbeek  
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Fax: +31 13 5052414  
info@hagoort.net  
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Via 2 Giugno n. 11  
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Fax: +39 051 735808  
info@tecnimetal-im.com  
www.tecnimetal-im.com

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Fax: +45 75 502021  
ahi@ahi.dk  
www.ahi.dk/jokisch

### England und GB

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Fax: +44 01388 772263  
sales@stevens-sis.co.uk  
www.jokisch.co.uk

### Frankreich

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ZAC des portes de la Forêt  
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Cedex 3  
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Fax: +33 01 64111617  
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und Beschriftungssysteme  
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www.brisco-oil.ch

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+91 9867787534

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WORD Specialties Division  
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Cidade Lider - São Paulo  
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Mobil: +5511 9136 4766  
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## Jokisch GmbH Fabrik für Schmier- und Kühlmittelspezialitäten

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info@jokisch-fluids.de | [www.jokisch-fluids.de](http://www.jokisch-fluids.de)



# **LB 100 PRE-WELD**

**a new type of welding fluid  
and anti-spatter**

**NO SPATTER PROBLEMS**

**NO FUMES**

**BETTER VISIBILITY**

**BETTER, NEATER WELDING**

**360° CONSTANT SPRAY PATTERN**

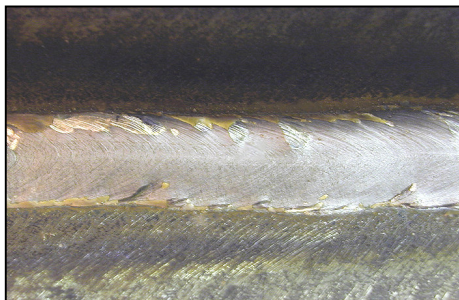
**NO DEGREASING NECESSARY**

**REDUCES HEAT MARKING**

**NON-AEROSOL**

# **IT REALLY DOES WORK**

**and it is totally safe too**



# LB 100 PRE-WELD

**A new welding fluid in a safe spray can.  
Apply a light film before tacking and  
welding and see the difference: -**

- NO SPATTER ADHESION
- NO FUMING, NO ODOUR
- NO SCRAPING OR CHIPPING
- NO POROSITY
- NO CORROSION
- EXCELLENT VISIBILITY
- BETTER WELDS
- EASY CLEANING
- NO PROBLEMS PAINTING ETC
- HUGELY REDUCED DRESSING TIMES



**Safe: -**

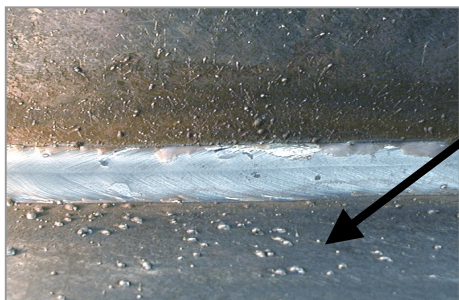
- HEALTH & ENVIRONMENT FRIENDLY
- VEGETABLE OIL BASE
- NO HARMFUL SOLVENTS, NON-TOXIC
- ERGONOMICALLY BALANCED TIN
- BIODEGRADABLE
- RECYCLABLE CONTAINER

**Pressure-spray, not aerosol: -**

- GENUINE CONSTANT 360° SPRAY
- COMPRESSED AIR PRESSURE SYSTEM
- 1 litre CONTAINER
- 600ml ACTIVE PRODUCT
- GUARANTEED 99% PRODUCT EMISSION
- AROUND 5 X LIFE OF AEROSOL OR HANDSPRAY
- MORE ECONOMICAL THAN ANTI-SPATTER
- ERGONOMICALLY BALANCED TIN



**2-chamber system, aerosole  
without propellant.**



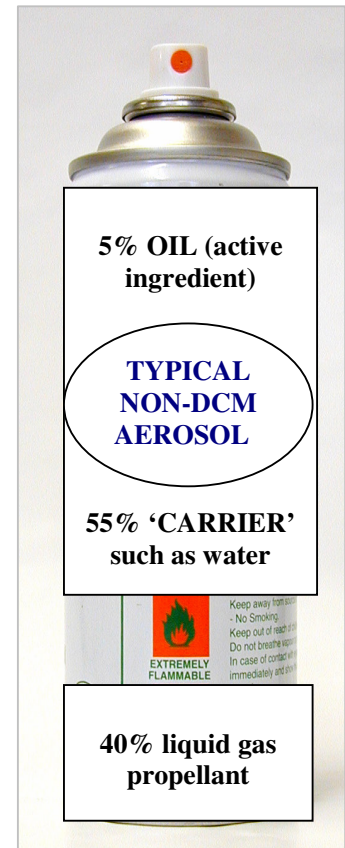
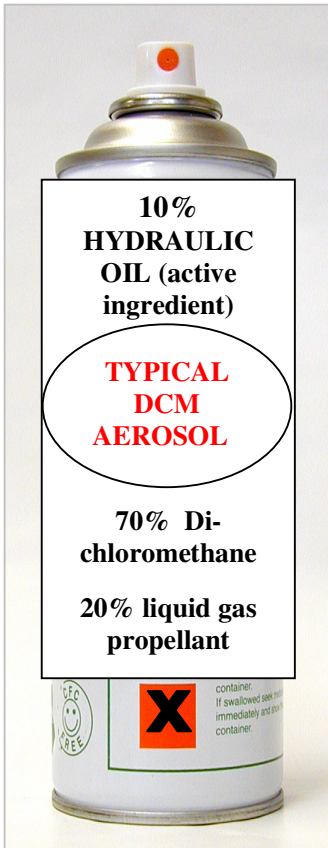
**PREVENT THIS  
BEING A  
PROBLEM**



Safe and better welding

# TRADITIONAL ANTI-SPATTER

If you have to waste time removing spatter, then yours does not work

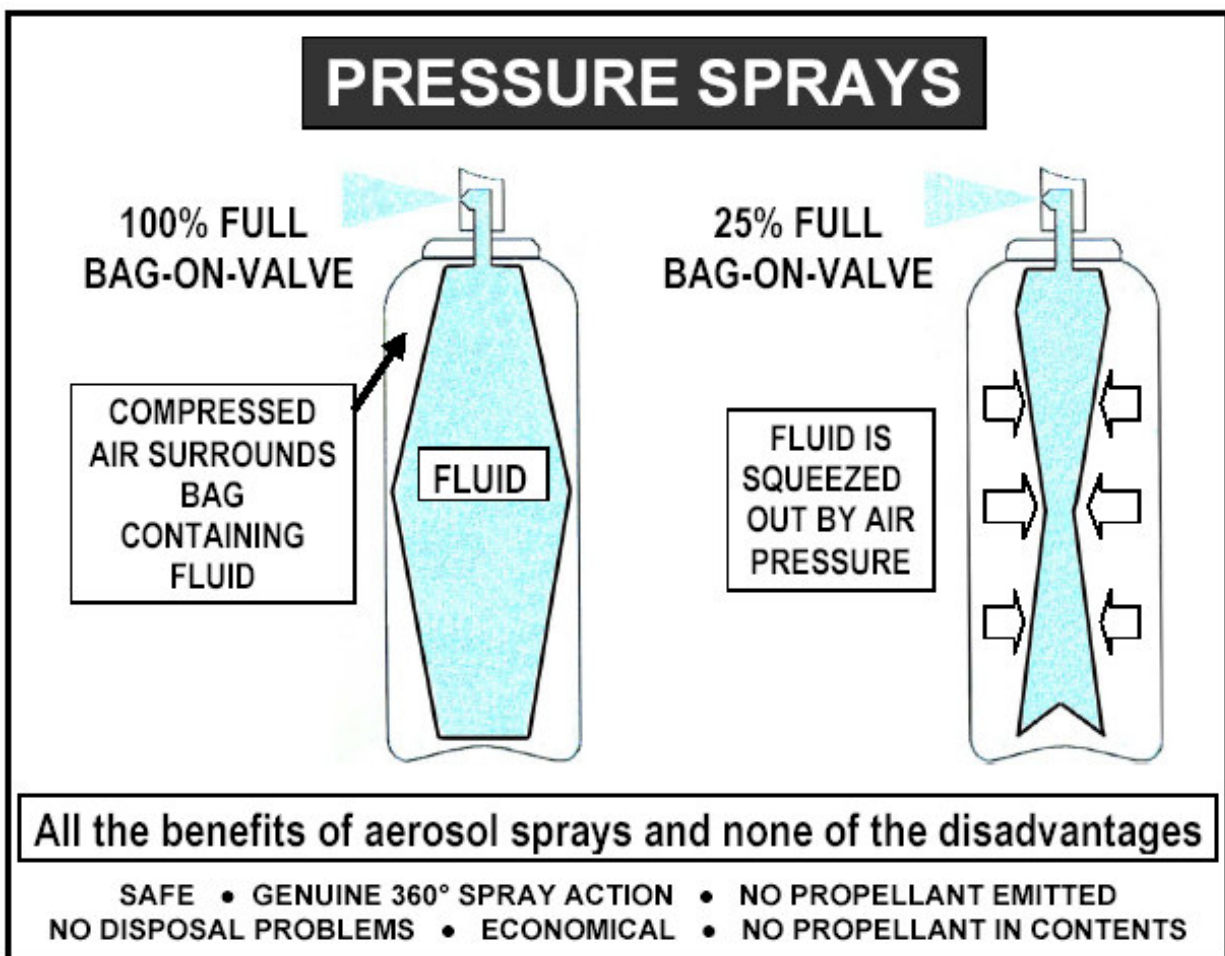
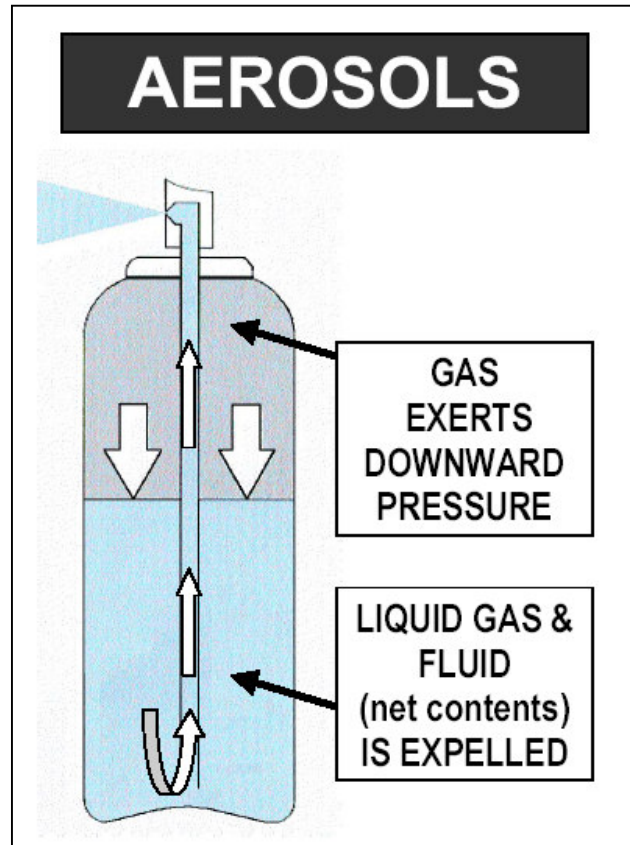


## WELDING FLUID



**LB 100  
PRE-WELD  
100% Active  
Product**

**It Works !**





# PRE-WELD BULK LIQUID ANTI-SPATTER



Either buy as a concentrate & mix it yourself

Or buy one of a number of versions of pre-mixed ready-to-use liquid

5kg of concentrate makes 20 litres of welding fluid (the equivalent of around 100 aerosols) with your initial order you need a 25 litre storage barrel, a tap and handsprays

25kg of ready-to-use welding fluid (the equivalent of around 125 aerosols) with your initial order you need a tap and handsprays