



Master Fluid
SOLUTIONS™

WEDOLiT™ – Leading Solutions for Tubes



Setting Tube Standards

Economy

- > Significant process cost savings
- > Offering protection from corrosion
- > Fast dewatering effect
- > Optimized processes
- > High process stability

Ecology

- > Free of mineral oil
- > VOC free products
- > Lower consumption
- > Less wastage

Technology

- > Welded tubes
- > Seamless tubes
- > Forming solutions

We offer leading lubrication technology for processing tubes in different diameters and materials





WEDOLiT products increase productivity in the tube industry

Unique process properties and the latest corrosion protection technology help you to optimize your manufacturing process and minimize rejects.

Corrosion Protection for Tube Preservation



Product

WEDOLiT AS 1012

WEDOLiT AS 3040

WEDOLiT K 856

WEDOLiT AS 2251

WEDOLiT AS 4116

WEDOLiT AS 4116-2

WEDOLiT AN 7114

WEDOLiT AS 2603

WEDOLiT AN 9921-100

WEDOLiT AS 4111

WEDOLiT AN 6999

WEDOLiT AN 7324

WEDOLiT AE 1030

WEDOLiT AE 4313

WEDOLiT AW 8321

WEDOLiT K 102

Physical Properties		Performance Properties					Description
Film structure	Film weight g/m ²	Flash point in °C	Dewatering effect in seconds	Water separation in minutes	Humidity test in days	Salt spray test in hours	
Outstanding dewatering fluids							
Oily	0.3	> 40	≤ 5	4	10	< 1	Very fast dewatering, offers short-term corrosion protection, lower flash point
Oily	0.3	> 60	≤ 5	4	7	< 1	Very fast dewatering, offers short-term corrosion protection, higher flash point
Oily	0.3	> 100	≤ 5	4	7	< 1	Very fast dewatering, offers short-term corrosion protection, VOC free
High corrosion protection with dewatering effect							
Oily	1.4	> 40	≤ 30	8	150	60	Corrosion protection with an outstanding performance, for overseas transportation
Micro wax	0.5	> 60	≤ 30	4	90	24	Thin film wax corrosion protection, no influence on subsequent processes
Oily	1.4	> 60	≤ 30	9	120	48	Corrosion protection with a very good performance, for overseas transportation
Oily	1.5	> 120	≤ 30	17	50	2	VOC free product with a high performance
High corrosion protection, wax dispersion							
Waxy	28	> 38	-	-	1,500	220	Thick waxy film potentially for outdoor storage
High corrosion protection, straightening oils							
Oily	1.2	> 100	-	14 - 18	60	24	VOC free, available with different flash points and performance levels
Specialist fluids for special applications							
Oily	1.7	> 60	≤ 60	4 - 6	70	8	Multi-purpose oil, also available in aerosol cans (KS 3000)
Greasy	Varies	> 170	-	-	1,500	250	Corrosion protection with extremely high performance for long-term overseas transportation
Oily	1.7	> 160	≤ 70	-	70	12	Application at surface temperatures up to 80°C, GTL-oil, VOC free, no negative labelling
New generation ester-based corrosion protection							
Oily	0.5	> 160	≤ 30	12	14	< 1	Ester-based dewatering fluid, no negative labelling, mineral oil free
Oily	0.5	> 160	-	-	30	8	Ester-based corrosion protection, no negative labelling, mineral oil free
Water-miscible corrosion protection							
Oily	4.7	-	-	-	> 2	> 16	Water-miscible, very good corrosion protection, application at approximately 60°C, for steel and non-ferrous metals
Oily	1.2	-	-	-	> 2	< 1	Water-miscible, application at approximately 60°C, for steel and non-ferrous metals, Rattunde approval

The Best Choice for Manufacturing Tubes

WEDOLiT is a global leader in developing technologically advanced products for the tube industry.

Our products can be used for not only steel and stainless steel, but also for copper, aluminum, brass and many more metals.

They offer:

- > Increased tool life
- > Excellent surface finish
- > Significant process cost savings

The WEDOLiT logo consists of a red, stylized, slanted rectangular shape above the word "WEDOLiT" in a bold, black, sans-serif font.

Product	Material		Description
	Galvanised steel	Steel	
Tube welding solutions / Emulsions			
WEDOLiT FW 7651		✓	Fully synthetic tube welding medium for bright steel
WEDOLiT FW 7652	✓	✓	For welding of galvanised steel tubes, mineral oil free
WEDOLiT FW 7661		✓	Fully synthetic tube welding medium for bright steel, boron free version of FW 7651
WEDOLiT FW 7840	✓	✓	Tube welding emulsion for bright and galvanised steel

Product	Material				Description
	Steel	Stainless steel	Aluminum	Copper	
Tube and wire manufacturing					
WEDOLiT FN 1190-2300		✓			For drawing of stainless steel tubes, contains chlorine
WEDOLiT FN 1490-850			✓	✓	Drawing oil for copper, cupronickel and aluminum tubes and wire, available in different viscosities
WEDOLiT FN 1571-2800				✓	For copper and copper-iron alloys
WEDOLiT FN 8830	✓	✓			Chlorine free pilger paste for stainless steel tubes
WEDOLiT FN 8850-90	✓				For drawing of tubes with small diameters (e.g. for diesel injection lines)
WEDOLiT FS 3310			✓		Calibration oil for aluminum tubes
WEDOLiT FS 3910	✓				For coiling steel tubes for heat exchangers
WEDOLiT FW 1960	✓				Drawing soap, for steel and galvanized steel, application at approximately 50°C
WEDOLiT N 52	✓		✓		High performance oil for sawing tubes, Rattunde approval

Product	Description
Testing media for leakage and ultrasonic tests	
WEDOLiT CS 8208	Fully synthetic product for ultrasonic tests, very good corrosion protection and ideal foaming behaviour
WEDOLiT FW 3500	Pressure media for leakage tests, very good corrosion protection and flushing performance, optimal foaming behaviour and good application stability

A strong brand

- > WEDOLiT cooling lubricants
- > WEDOLiT cold forming products
- > WEDOLiT corrosion protection products
- > WEDOLiT prelubes
- > WEDOLiT expander oils

For any eventuality

- > **LUBRICATION** – minimizes friction and wear
- > **COOLING** – removes generated heat
- > **PROTECTION** – prevents corrosion
- > **CLEANING** – removes chips

Quality that pays

- > Increased durability, process reliability and productivity
- > Higher machining speeds
- > Reduced production costs
- > Best compatibility for man, machine and the environment

For prices or additional information, contact your Master Fluid Solutions Representative



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Innovative products to energize your production

TRIM® – Metalworking Fluids

WEDOLiT™ – Tubes, Pipes, Forming and CP Fluids

Master STAGES™ – Cleaning and CP Fluids

XYBEX® – Fluid Management