

Cutting and drilling oil CUT+COOL

Multi cutting oil for light to medium machining work

Universal application

Cools even while spraying

- Protects tools
- Prevents welding of small material particles on the cutting edge

Good creep properties, penetrates even the smallest tolerances

Excellent corrosion protection

- Provides lasting protection against further rust and corrosion
- No post-treatment or preservation required

Free of silicone, chlorine, resins, and acids



Colour	Light brown
Smell/fragrance	Perfumed
Chemical basis	Mineral oil
Shelf life from production	18 Month

Contents	Container	Art. no.	P. Qty.
5 l	Canister	0893 050 1	1
400 ml	Aerosol can	0893 050 004	1/12

	Drilling and cutting oil	Drilling and cutting oil Perfect	Drilling and cutting paste Perfect	Drilling and cutting oil Eco	Drilling and cutting foam	Cutting oil DVGW	Cooling lubricant Ultra	Cooling lubricant Ultra HD
Materials								
Steel, alloyed steel	xx	xxx	xxx	xxx	xxx	xx	xx	xxx
High-alloy steel	xx	xxx	xxx	xxx	xxx	xx	xx	xxx
Cast iron, grey cast iron	xx	xxx	xxx	xx	xxx	x	xx	xxx
Tungsten carbide	xx	xxx	xxx	xx	xxx	x	x	xx
Non-ferrous base metal (copper, brass etc.)	xx	xxx	xx	xxx	xxx	x	x	xx
Titanium	x	xxx	xxx	xx	xxx	x	x	xx
Magnesium	x	xxx	xxx	xx	xxx	x	x	xx
Aluminium, aluminium alloys	x	xxx	xxx	xx	xxx	x	xx	xxx
Machining processes								
Lathing, automatic lathes	xx	xxx	x	x	x	x	xx	xxx
Drilling, countersinking, reaming	xx	xxx	xxx	xxx	xxx	x	xx	xx
Deep drilling	x	xxx	xxx	xx	xx	x	x	xx
Sawing	xx	xxx	xx	xxx	xxx	x	xx	xx
Thread cutting	xx	xxx	xxx	xxx	xxx	xx	xx	xx

	Drilling and cutting oil	Drilling and cutting oil Perfect	Drilling and cutting paste Perfect	Drilling and cutting oil Eco	Drilling and cutting foam	Cutting oil DVGW	Cooling lubricant Ultra	Cooling lubricant Ultra HD
Materials								
Thread forming, rolling	xx	xxx	xxx	xxx	xxx	x	x	xx
Milling	x	xxx	x	xx	xx	x		xxx
Sanding	x	xxx	x	x	x	x	xxx	xx
Forming, rolling, bending	x	xxx	xx	xx	xx	x	x	xx
Punching, fine punching	x	xx	xx	xx		x	x	x
Broaching, toothing	x	xxx	xx	xxx	xxx	x	x	x
Features								
Basis	Mineral oil	Mineral oil with synth. ester	Mineral oil with synth. ester	Synth. ester	Glycol and ester	Ester	Mineral oil	Mineral oil
Viscosity (mm ² /s)	12	25	Paste-like	35	n/a	5	66	76
Minimum quantity lubrication		√		√				
Free from mandatory warning symbols			√	√			√	√
Can be used overhead			√		√			
DVGW-approved						√		
Biodegradable/approved for use with food				√				
Extremely high lubricating performance		√	√	√	√			√
Extremely long tool life		√	√	√	√		√	√
Minimal smoking		√	√	√	√		√	√
Extremely low consumption			√	√	√			√
Good creeping properties	√							
Free of boric acid			√		√		√	√
Low-foaming							√	√
Extremely high microbial stability							√	√
Water hazard class	1	1	1	1	2	1	1	1
Formaldehyde-free			√		√		√	√
Extremely gentle on the skin (amine-free)			√				√	√
xxx excellent suitability xx good suitability x less favourable suitability √ applicable								

Details/Application

Multi-purpose cutting oil for light to medium machining.



Instructions

Spray the workpiece from about 20–30 cm.
The product is used as supplied.

Notice

Free from substances that impair wetting of paint.

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.

Related products		Art. no.
Skin protection foam		0890 600 102
Acetone cleaner Contents 0.25 l		0893 460
Related products for	Designation	Art. no.
0893 050 1	Tap Tap for 5 L plastic canister	0891 302 01
	Filling system REFILLO®	0891 800 90
	Refillo® compressed-air filling station Combi	0891 800 001