

Drilling/cutting oil Cut and Cool Eco

Biodegradable cutting oil

Aerosol can with ECO-Stop technology

- Up to 2500 applications possible due to predefined quantity per valve operation
- Minimal smoking

Easy to use

No cleaning of metals prior to installation or further treatment (e.g. welding) required with low usage concentrations

Neutral behaviour

- Contact with sensitive materials (e.g. marble, plastic and electrical components) possible
- Odourless

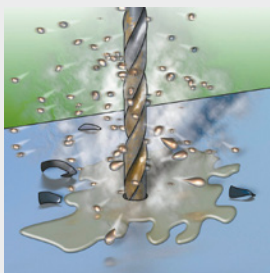


Colour	Light yellow
Smell/fragrance	Neutral
Chemical basis	Synthetic ester
Shelf life from production	12 Month

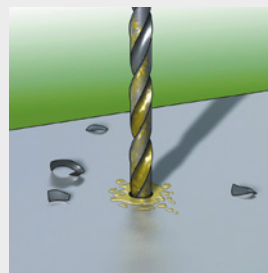
Contents	Container	Art. no.	P. Qty.
5 l	Canister	0893 050 012	1
400 ml	Aerosol can	0893 050 011	1/6

Details/Application

Biodegradable cutting oil with Eco Stop.



Conventional oil



Eco cutting oil
The adhesion of the oil particles on the machining tool achieves an optimal, long-lasting lubricating effect.



	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	Coolant Ultra	Coolant 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
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								
Turning, turning machines	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
Thread moulding, 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								
Base material	Mineral oil	Mineral oil with synth. Ester	Mineral oil with synth. Ester	Synth. Ester	Glycol and ester	Ester	Mineral oil	Mineral oil

	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	Coolant Ultra	Coolant Ultra HD
Materials								
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 upside down			√		√			
DVGW-approved						√		
Biodegradable/approved for use with food				√				
Extremely high lubricating performance		√	√	√	√			√
Extremely long tool life		√	√	√	√		√	√
Minimal smoke formation		√	√	√	√		√	√
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								

Instructions

No cleaning of metals before assembly or further treatment (e.g. welding) is required for low application concentrations. The product is processed as delivered.

Notice

Oil-soaked cleaning cloths should only be stored in non-flammable, self-sealing, tightly sealed, and appropriately labelled containers (BGI 560).

The usage instructions are recommendations based on the tests we have conducted and are based on 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
Tap DN 45 thread for 5 l and 10 l plastic canisters	0891 302 01
Acetone cleaner For unpainted metal surfaces and glass Contents 0.25 l	0893 460