



ALC 100

Synthetic medium to heavy duty water-based liquid

ALC series products are highly efficient and environmentally friendly alternatives to conventional oil lubricants usable in a wide field of metal processing. Extend tool life while protecting the material from adverse external influences. ALC series is ready to be diluted with tap water up to 50% in order to lower viscosity or find most cost saving way.

Non-oil film on the material also allows seamless subsequent operations such as welding and handling products. Lubricant residues are easily removed with warm water or mild alkaline cleaner.

Non-flammable, not leave stains on the material, odorless and without undesirable effects on the environment. Mainly lube leaves no negative impact on the health of workers and neither irritating skin.

- Oil-free
- Absent of chlorine, formaldehyde and paraffine additives, sulphur
- Creates protection layer
- Increases effectivity
- Prolongs durability
- Applicable at high pressures and temperatures
- Non-toxic and biodegradable
- Washable with warm water
- Prevents corrosion and microbial growth

TECHNICAL DATA

Appearance	Clear, semi-transparent fluid
pH	8.5
Density	930 - 1020 kg/m ³
Viscosity [ISO]	263 cSt (263mPa*s at 25°C)
Boiling Point	± 100 °C
Flash Point	N/A
Residuum	Soft film
Storage Methods	Ideal temperature 15 - 35 °C (59 - 95 °F).
Tooling Clean-up	Effortless water based cleaning or mild alkaline cleaner 109°F (43.3°C)
Guarantee	If there is a problem, ask your representative for consultation, if necessary refund or replacement of the defective product.
Code	BBL-ALC-100

APPLICATION

Forming and bending sheet metals and tubes

MATERIAL

Steel, Stainless Steel, Aluminium, Titanium

MEASURE

The product is not specified as hazardous waste or pollutant of the environment/water. It is biodegradable. Follow local governmental rules and regulations for waste treatment. The product is not miscible with acids, alkalis or solvents. Devices can be painted with epoxy paint or other coatings injurious surfaces.

STORAGE

Product should be stored under cover in clean, dry conditions and protected from frost.

Indoors. Recommended storage temperature is between 5°C (41°F) and 35°C (95°F). A shelf life of twenty four months can be anticipated.

VISUAL APPEARANCE



concentrate



added 50% tap water