



# NIROL 080

Synthetic light to medium duty gel

BBLubricants NIROL series products are highly efficient and environmentally friendly gel alternatives to conventional oil lubricants usable in a wide field of metal processing. Extend tool life while protecting the material from adverse external influences. Non-oil film on the material also allows seamless subsequent operations such as welding and handling products. NIROL are solids using only organic thickeners. No metallic thickener or soap is used. NIROL is easily washable - without the use of chemicals and degreaser. Non-flammable, not leave stains on the material, odorless and without undesirable effects on the environment. They have no negative impact on the health of workers and not 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 gel
pH	8.7
Density	930 - 1020 kg/m <sup>3</sup>
Viscosity [ISO]	16.000 cSt (16.000 mPa*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 replacment of the defective product.
Code	BBL-NIR-080

## APPLICATION

Forming and bending sheet metals and tubes

## MATERIAL

Steel, Stainless Steel, Copper

## 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

