CHEMICALS



Brake

CLEANER

PULITORE PER FRENI

BRAKE CLEANER VETTOYANT POUR FREINS BREMSENREINIGER

REMMEN REINIGER

and the local

9752

Linc

ZINCOL

CLEA

ZNC KLA

ZINK

Beta

100

9710

LubriBeta UNIVERSAL

(7m1)

LUBRIFICANTE MULTIUSO MULTIPURPOSE LUBRICANT LUBRIFIANT MULTIUSAGE MEHRZWEICK SCHMEROL ULTIPUNCTIONELE KRUPOL

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Beta

- 1110



Tightening a bolt is not always enough to guarantee secure tightening. Cleaning, lubrication and sealing are also necessary.

The range comprises anaerobic sealants, cyanoacrylate adhesives and aerosol cans for maintaining, cleaning and lubricating mechanical parts.

Anaerobic Products

Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids. They are available in three different strengths - high (H), medium (M) and low (L) - and in different packs, to satisfy different needs.

Silicone sealant

- Enables permanent elastic sealing.
- Replaces preformed gaskets.

- The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product.
- Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket.

Instant Glue

Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

Aerosols

A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

Liquids

Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.

Index

| Spray | |
|--------------------|--|
| Adhesive products | |
| Anaerobic products | |
| Silicone sealants | |
| Liquids | |

ATTENTION

Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Belgium, China, Czech Republic, France, Hungary, Italy, Netherlands, Poland, Portugal, Republic of Ireland, Slovakia, Slovenia, Spain, Switzerland, United Kingdom, United Arab Emirates.

Technical sheets available on www.beta-tools.com

Spray

7-in-1 multipurpose unlocking lubricant

- 1. **Unlocking**: dissolves rust from nuts, bolts and gears in general.
- 2. **Lubricating**: suitable for all mechanical parts subject to stress.
- 3. **Detergent, degreasing**: removes grease and oil from metal surfaces.
- 4. **Rust protective**: forms a film protecting against corrosion from weather.
- 5. **Deoxidizing, for electrical contacts**: reactivates contacts and prevents short circuits.
- 6. **Waterproof**: removes water and humidity from all surfaces.
- 7. **Antifreezing**: highly resistant to low temperatures (up to -40 °C).

Fitted with a special valve allowing supply when spray can is upside down. Silicone-free.



Adjustable Straw

ADJUSTABLE STRAW allows through a special modular straw - application on parts which would be difficult to reach with a standard dispenser.



9710



| ltem | Size | S | |
|------|--------|----------|-----------|
| 9710 | 400 ml | 12 | 097100040 |



Unlocking lubricant, super-penetrating

Unlocking, deoxidizing, highly penetrating, for quick rust and oxidation removal from nuts, bolts, screws and gears. Waterproof, for water and humidity removal from treated parts. Highly resistant to cold and heat (-40°C ÷ +150°C).

9720

Multipurpose grease

Particularly useful for lubricating chains, gears and moving metal parts as well as hinges, locks and pivots. Resistant to friction and weather. Highly resistant to high temperatures (up to 210°C). Highly adhesive. Does not drip.

<image>

| 9712 400 ml 12 097120040 9720 400 ml 12 | Size 😽 | 🗐 Item | Size | S | |
|---|--------------|---------------|--------|----------|-----------|
| 9/12 400 mi 12 09/120040 9/20 400 mi 12 | 400 ml 12 09 | 97120040 9720 | 400 ml | 12 | 097200040 |





White lithium grease

Based on grease with lithium, titanium and zinc oxide soaps. Ideal for gears, bearings, joints and parts subject to mechanical movement in general. Particularly useful for lubricating and protecting mechanical parts in marine applications. Highly resistant to water, sea salt, weather and high temperatures (up to 150°C). Does not drip.

9724

PTFE based grease

Lubricating grease mixed with PTFE. Particularly useful for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Also suitable for hinges, locks, drawer slides, gates and applications on plastics and rubber. Totally colourless. Waterproof and resistant to oxidation. Highly resistant to cold and heat (-30°C to +220°C).





| ltem | Size | V | | ltem | Size | S | |
|------|--------|----------|-----------|------|--------|----------|-----------|
| 9722 | 400 ml | 12 | 097220040 | 9724 | 400 ml | 12 | 097240040 |





Copper grease

Mineral grease mixed with copper. Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000°C). Ideal for preventing seizure and making it easy to unlock threads and parts in general. Protective, anti-wear. Prevents oxidation. Does not drip.

9729

Silicone spray

Silicone lubricant and detacher. Suitable for lubricating plastic, rubber and metal parts. Protects from corrosion. Detaching, antiadhesive for plastic and rubber moulding. Antistatic, for worktops. Waterproof, protects from humidity and weather corrosion. Protective, for electric circuits. Can be used to polish wood, plastics and rubber. Solvent-free.





| Item | Size | s, | | ltem | Size | S | |
|------|--------|----|-----------|------|--------|----------|-----------|
| 9726 | 400 ml | 12 | 097260040 | 9729 | 400 ml | 12 | 097290040 |

COPPER GREASE

SPRAY

Cutting oil

Highly lubricating and protective. Suitable for milling, boring, threading, drilling and manual and automatic machine working. Highly resistant to oxidation. Water washable. Solvent-free.

9740

Brake cleaner

Ideal for cleaning brake discs and pads, engines. Allows any grease and tar deposits to be removed, without leaving residue. Also suitable as a general degreaser for metal surfaces. Evaporates quickly. Does not damage plastics and rubber.



| Item | Size | \$ | | ltem | Size | S | |
|------|--------|----|-----------|------|--------|----|-----------|
| 9738 | 400 ml | 12 | 097380040 | 9740 | 500 ml | 12 | 097400050 |

Cutting

Brake

Multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue. Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces. Free from oil residues.

9742

Cleaner for electric and electronic contacts

Useful for cleaning and cleansing electronic contacts, circuits and electrical components in general. Its non-thick consistency allows uniform, quick distribution on treated surfaces, removing grease and dirt, without leaving oily residue. Evaporates quickly. Does not damage plastics and rubber.



| ltem | Size | S | | ltem | Size | S | (===) |
|------|--------|----------|-----------|------|--------|----------|-----------|
| 9741 | 400 ml | 12 | 097410040 | 9742 | 400 ml | 12 | 097420040 |
| | | | | | | | |

CLEANER

CLEANER



Foam detergent

Foam detergent for all types of surfaces, tools and fabrics. Based on quaternary ammonium salts, it forms an active foam which cleans and removes dirt and grease. Removes bad smells. No rinse required. Not a disinfectant.

9745

Cleaner for carburettors and throttle bodies

Specific for interior and exterior cleaning of carburettors, suction ducts and throttle bodies. Totally removes carbonaceous residue, deposits and impurities. Evaporates quickly. Does not leave oily residue.





| ltem | Size | S | | ltem | Size | S | |
|------|--------|----|-----------|------|--------|----|-----------|
| 9743 | 500 ml | 12 | 097430050 | 9745 | 400 ml | 12 | 097450040 |

Surface CLEANER

CLEANER

Air conditioner cleaner

Thick foam formulation. Suitable for industrial, civil and car air conditioners. Removes dirt, deposits and odours from ducts. Leaves a pleasant fragrance. Supplied with a straw.

9749

Air spray Compressed gas based. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.

SPRAY



Clear zinc

Highly covering, it is ideal for galvanizing iron parts, welding touch-ups, nuts, bolts and parts subject to weathering. Particularly resistant to oxidation and abrasion. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Can be overpainted. Also ideal as a final protectant. Does not drip.

> **Zinc** 98%

9755

Welding anti-spatter spray

Prevents slag adhesion. Makes welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. Makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. Easy to remove. No fumes. Chlorinated-free.



| Item | Size | S | | ltem | Size | S | |
|------|--------|----------|-----------|------|--------|----------|-----------|
| 9752 | 400 ml | 12 | 097520040 | 9755 | 400 ml | 12 | 097550040 |
| | | | | | | | |





De-icer spray Removes ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40°C. Nongreasy, smear-free. Does not affect treated surfaces, rubber and plastics.

9775

Fabric waterproofing spray Suitable for textiles and leather. Ideal for footwear, jackets and clothing in general. Allows fabrics to be waterproofed, without affecting breathability. Stain resistant. Provides improved resistance to bending and abrasion.



| Item | Size | S | | ltem | Size | S | |
|------|--------|----------|-----------|------|--------|----------|-----------|
| 9765 | 400 ml | 12 | 097650040 | 9775 | 400 ml | 12 | 097750040 |







50 g

500 g



Threadlocker

Anaerobic threadlocker for metal threads. Prevents screws, bolts and studs from loosening due to vibrations and shocks. Polymerizes in contact with ground metal parts and in absence of oxygen.

High chemical resistance (oils, water, gas, etc.). Protects threads from corrosion and seizure from corrosion.

Available in 3 strength classes.

| | 9803H | 9802M | 9801L |
|----------------------------------|-----------|----------|----------|
| Temperature range (°C) | -50/+150 | -50/+150 | -50/+150 |
| Max gap fill (mm) | 0,25 | 0,15 | 0,10 |
| Handling cure time (min.) | 10/15 | 10/15 | 10/15 |
| Functional cure time (h) | 3-6 | 3-6 | 3-6 |
| Viscosity (mPa.s) 25°C | 800/1.200 | 500/800 | 500/800 |
| Breakaway torque (ISO-10964) | 35-45 Nm | 22-30 Nm | 6-10 Nm |
| Prevailing torque (ISO-10964) | 30-40 Nm | 20-25 Nm | 4-8 Nm |



9803H

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



| ltem | Size | S | |
|-------|--------|----|-----------|
| 9803H | 20 ml | 12 | 098030002 |
| | 50 ml | 4 | 098030005 |
| | 250 ml | 4 | 098030025 |

HIGH





Thread sealant

Anaerobic thread sealant for threaded metal joints. Polymerizes in contact with ground metal parts and in absence of oxygen. Provides perfect tightness to liquids and gases. Makes joints sturdier. Tolerates slight contamination by oils.

High chemical resistance (oils, water, gas). Protects threads from corrosion and seizure from corrosion.

Available in 3 strength classes.

| | 9813H | 9812M | 9811L | |
|----------------------------------|-----------------------------|----------|---------------|--|
| Temperature range (°C) | -50/+200 | -50/+150 | -50/+150 | |
| Max gap fill (mm) | 0,15 | 0,35 | 0,20 | |
| Handling cure time (min.) | 10-15 | 12-18 | 10-15 | |
| Functional cure time (h) | 3-6 | 3-6 | 3-6 | |
| Viscosity (mPa.s) 25°C | 40.000/80.000 20.000/40.000 | | 10.000/20.000 | |
| Breakaway torque (ISO-10964) | 35-45 Nm | 27-35 Nm | 6-10 Nm | |
| Prevailing torque (ISO-10964) | 25-35 Nm | 20-30 Nm | 4-8 Nm | |

9813H

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



HIGH

9811L 9812M Ideal for sealing nipples parts subject to periodic Ideal for sealing small or fine-pitch joints. maintenance. Allows dismantling by using hand tools. Easier parts disassembly. 20 ml 20 ml Bottle Bottle 098120305 50 ml 50 ml Bellow bottle Bellow bottle INCOME. NUMBER OF T 50 ml 50 ml **309812**0510 Tube Tube 100 ml 100 ml Tube Tube **4** 098120525 250 ml 250 ml Tube Tube E. E. Size Item Size Item 12 098120002 12 20 ml 20 ml 098110002 50 ml 6 098120305 50 ml 6 098110305 098120505 9812M 50 ml 4 9811L 50 ml 4 098110505 100 ml 4 098120510 100 ml 4 098110510 250 ml 4 098120525 250 ml 4 098110525

RESISTANCE

LOW





Liquid gasket

Anaerobic liquid gasket, ideal for flat mating of ground metal surfaces. Polymerizes in contact with ground metal parts and in absence of oxygen. Prevents loosening of joints and bolts and changes in thickness.

High chemical and thermal resistance (oils, water, gas). Available in 3 strength classes.

| | 9823H | 9822M | 9821L | |
|----------------------------------|--------------------------|------------------|------------------|--|
| Temperature range (°C) | -50/+150 | -50/+150 | -50/+150 | |
| Max gap fill (mm) | 0,35 0,35 | | 0,35 | |
| Handling cure time (min.) | 10/16 | 10/15 | 20/30 | |
| Functional cure time (h) | (h) 3-6 3-6 3-6 | | 3-6 | |
| Viscosity (mPa.s) 25°C | 100.000/200.000 | 40.000/70.000 | 00 60.000/90.000 | |
| Breakaway torque (ISO-10964) | 35-45 Nm | 25-35 Nm 7-11 Nm | | |
| Prevailing torque (ISO-10964) | 20-30 Nm 20-30 Nm 4-9 Nm | | 4-9 Nm | |

9823H

Ideal for permanent sealing of surfaces.Also ideal for reclaiming bearing housings and worn parts. Does not allow disassembly with hand tools.



HIGH

9822M

Ideal for sealing of surfaces of parts subject to periodic maintenance. Allows dismantling by using hand tools.

9821L

Ideal for sealing of surfaces of parts subject to frequent maintenance. Protects threads from corrosion and seizure from corrosion. Easier parts disassembly.







Locker

Anaerobic locker for metal threads. Prevents loosening due to vibrations and shocks. Polymerizes in contact with ground metal parts and in absence of oxygen. Increases torque transmitted between shaft and hub, removing corrosion from friction. High thermal and chemical resistance [oils, water, gas].

Available in 3 strength classes.

| | 9833H | 9832M | 9831L | |
|----------------------------------|-------------------|-------------|----------|--|
| Temperature range (°C) | -50/+180 | -50/+180 | -50/+150 | |
| Max gap fill (mm) | 0,15 | 0,25 | 0,10 | |
| Handling cure time (min.) |) 10/15 12/20 10, | | 10/15 | |
| Functional cure time (h) | 3-6 | 3-6 | 3-6 | |
| Viscosity (mPa.s) 25°C | 400/700 | 2.000/4.000 | 500/800 | |
| Breakaway torque (ISO-10964) | 35-45 Nm | 25-35 Nm | 6-10 Nm | |
| Prevailing torque (ISO-10964) | 30-40 Nm | 18-28 Nm | 4-8 Nm | |

9833H

(11 m 210 m)

Gamma Bases Ideal for fixing parts that do not need subsequent dismantling. Also suitable for fixing already installed devices that are difficult to dismantle. Does not allow disassembly with hand tools.



| ltem | Size | s, | |
|-------|--------|----|-----------|
| 9833H | 20 ml | 12 | 098330002 |
| | 50 ml | 4 | 098330005 |
| | 250 ml | 4 | 098330025 |

HIGH

2 111



Siliconic sealants

9841N

Black acetic-reticulation silicone sealant, resistant to high temperatures, with convenient pressure dispenser (pressure pack) Withstands temperatures up to 240°C. Enables permanent elastic sealing. Replaces preformed gaskets. The convenient dispenser allows easy (onecoated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket. Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most nonporous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Cannot be painted.

9841R

Red acetic-reticulation silicone sealant, resistant to high temperatures, with convenient pressure dispenser (pressure pack) Withstands temperatures up to 300°C. Enables

permanent elastic sealing. Replaces preformed gaskets. The convenient dispenser allows easy (onecoated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture and forms an elastic, durable gasket. Ideal for oven and furnace doors, plates, heating

systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports. Cannot be painted.

300°C

5

12

Size

200 ml

Item

9841R

098410020

240°C

12

098410120

Item Size 😒 💻

200 ml



NEW

9841N

Liquids

9881U

Industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburettors, valves etc.) to be accurately and effectively cleaned. Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts. pH 13.5

Recommended amount: 3-4% (1:30) - light to normal dirt

5% (1:20) - heavy dirt Operating temperature: > 40°C for aluminium: max. recommended temperature 65°C. After treatment, rinse with water.

9882R

Selective rust remover liquid

Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings. Removes top oxidized layer, without affecting underlying metal. Dilution: from pure to max. 1:1. Minimum operating temperature: 15°C. Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.



| ltem | Size | S | | ltem | Size | L) | |
|-------|------|----------|-----------|-------|------|----|-----------|
| 9881U | 1 L | 1 | 098810010 | 9882R | 1 L | 1 | 098820010 |
| | | | | | | | |

ULTRASONIC CLEANER

RUST



