



High-tech spray for metal fittings

- 1. Product description:** **BRUNOX® TOP-LOCK®** is the high-tech spray for metal fittings. No gumming, no freezing, for a longer lock life.
- 2. Effect:** **BRUNOX® TOP-LOCK®** is a:
- Lubricant**
It forms a 1 to 2 micron thick, transparent, non-hardening lubricating film that displaces moisture.
- Penetrating oil**
BRUNOX® TOP-LOCK® has very good creep properties. Due to its capillary action, it is able to creep under gumming and makes locked precision mechanical components move again smoothly.
- Contacts Spray**
Thanks to its low surface tension and corresponding adhesion to metals, **BRUNOX® TOP-LOCK®** is an ideal contact spray. **BRUNOX® TOP-LOCK®** displaces moisture immediately in circuit boards, integrated circuits and wiring cable harnesses, thus preventing or eliminating damaging leakage currents. **BRUNOX® TOP-LOCK®** dissolves dirt on contact surfaces, and cleans and protects the contact material.
- 3. Field of application:** **BRUNOX® TOP-LOCK®** maintains, lubricates and protects locks, hinges and fittings down to -54°C. **BRUNOX® TOP-LOCK®** contains no silicones, PTFE or graphite and is therefore ideal for the installation, maintenance or repair of master key systems, lock cylinders, fittings, locks, hinges, windows and doors. If lock cylinders are already blocked, **BRUNOX® TOP-LOCK®** will help. It has very good creep properties; it will creep under gumming and dissolve it without any residue.
- 4. Chemicals resistance:** No impairment of non-ferrous metals, non-metallic materials, paint, rubber and almost all plastics.
- Excluded are the following plastics: PPO, PBT & PPE

5. Application: Thanks to the 2-W-Click system, **BRUNOX® ToP-LoCK®** can be applied precisely, e.g. in keyholes. It is also always helpful to spray the entire key; this is done with the Return-Click and the spray is directed towards the key, which can subsequently be cleaned with a cloth. The spray is directed once more towards the key before it is inserted into the lock. One notices straightaway that it moves again like on the first day.

If master key systems or cylinders are very dirty, or possibly already corroded, the procedure must be repeated until the key can be turned with ease.

6. Unit sizes: **Spray:** 100 ml,

7. Technical data:	Appearance:	Clear
	Density (20 °C):	0,83 ± 0,02 g/cm ³
	Dynamic viscosity (20 °C):	6 mPa,
	Flash point:	79 °C, DIN ISO 2592
	Melting point:	-52 °C
	pH value:	Neutral
	Film characteristics:	Creeping
	Film thickness:	1 to 2 µm
	Consistency:	Film does not harden
	Dielectric strength:	U _D : 45 KV eff - E _D : 182 KV eff/cm



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