

# **BRUNOX® Turbo-Spray®**

## **The 5-Feature Spray with TURBOLINE**

**1. Product description:** **BRUNOX® Turbo-Spray®** is a high quality spray featuring 5 functions:

### **Lubricant**

Thanks to a balanced mix of hydrocarbons and the additive **TURBOLINE**, it forms a 1 to 2 µm thick, transparent, non-hardening lubrication film that displaces moisture and lubricates sustainably.

### **Penetrating oil / rust remover**

**BRUNOX® Turbo-Spray®** has excellent creeping properties. Due to capillary action, it is able to penetrate into very fine hairline cracks and gaps and e.g. seized screws can be loosened in a short time.

### **Corrosion protection (temporary for 3 – 6 months)**

**BRUNOX® Turbo-Spray®** guarantees for complete corrosion protection. The responsible hydrocarbon mix ensures both continuous protection film and also the necessary film thickness.

### **Maintenance / Service spray**

**BRUNOX® Turbo-Spray®** creeps under mineral dirt and dissolves organic dirt so that (almost) all kinds of spots can be removed easily.

### **Contacts Spray**

**BRUNOX® Turbo-Spray®** has a very low surface tension and a corresponding adhesion to metals so that moisture is displaced in apparatuses and on boards immediately. This prevents harmful creeping. **BRUNOX® Turbo-Spray®** dissolves dirt on contact surfaces, cleans and protects the contact material.

**2. Effect:**

**BRUNOX® Turbo-Spray®** lubricates and protects against corrosion thanks to its moisture-displacing effect. It forms a compact corrosion protective film, which even protects against aggressive environments, such as acidic atmosphere, flue gas fumes, etc., and it preserves. The protective film keeps its creeping abilities and does not harden. The active ingredient Turboline ensures excellent lubricity and high yields. The great penetrating power of **BRUNOX® Turbo-Spray®** guarantees an excellent expectorant effect and makes stuck parts movable again.

**3. Field of application:**

**BRUNOX® Turbo-Spray®** is used in industrial, commercial and household areas for maintenance and care of machinery, precision tools, locks, scales, bicycles, pneumatic tools, measuring equipment, saws, pumps, valves, gears, computer hardware, etc.



**BRUNOX® Turbo-Spray®** prevents penetrating moisture, protects against oxidation and corrosion and allows for easy storage and transportation of semi-finished products.

Thanks to its large penetration effect, **BRUNOX® Turbo-Spray®** has an excellent rust solvent effect, makes stuck parts, such as bolts, bushings, cranks, rods, rails, cables, shafts, etc. work smoothly and lubricates at the same time.

**BRUNOX® Turbo-Spray®** is used in electrical and electronics as a service spray. It dissolves impurities, displaces moisture and protects contacts from re-oxidation.

#### 4. Application:

**BRUNOX® Turbo-Spray®** is sprayed evenly and generously. This process can be repeated if necessary. Use a spray tube for hard to reach parts. Repeat the process if necessary from time to time to ensure the full effect.

Generally, **BRUNOX® Turbo-Spray®** does not have to be removed before further processing (except for painting).

Valves do not have to be sprayed until empty.

**BRUNOX® Turbo-Spray®** can be removed with detergents (surfactants).

#### 5. Expert opinion:

**NSF H2 No. 147 256 (AEROSOL)**

**BRUNOX® Turbo-Spray®** does not contain silicone, PTFE, graphite or carcinogenic chemicals.

#### 6. Unit sizes:

**Spray:** 100 ml, 300 ml, 400 ml, 400ml 2-W Click,

**Canister:** 5 l, 20 l

**Barrel:** 200 l

#### 7. Chemicals resistance:

No impairment of non-metal materials, paint, rubber and almost all plastics.

Excluded are the following plastics: PPO, PBT & PPE

<b>7. Technical data:</b>	Appearance:	clear, bluish
	Specific weight:	0,83 ± 0,02 g/cm <sup>3</sup>
	Dynamic viscosity (20°C):	6.5 mPas (Bulk and AEROSOL)
	Flash point:	78°C (open packaging) DIN ISO 2592
	Heat resistance:	briefly up to 160°C long-term up to 125°C
	Fixed point:	below -50 °C
	pH value:	neutral
	Film characteristics:	creeping
	Film thickness:	1 to 2 µm
	Yield:	100 to 120 m <sup>2</sup> /l
	Lubricity according to Brugger:	23 N/mm <sup>2</sup>
	Consistency:	Film does not harden, 64 mPas
	Dielectric strength:	U <sub>D</sub> : 45 KV eff-E <sub>D</sub> : 182 KV eff / cm



## The 5-Feature Spray with TURBOLINE

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