



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

**7. Technical data:**

Appearance:	clear, bluish
Specific weight:	0,83 ± 0,02 g/cm ³
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 ² /l
Lubricity according to Brugger:	23 N/mm ²
Consistency:	Film does not harden, 64 mPas
Dielectric strength:	U _D : 45 KV eff-E _D : 182 KV eff / cm

**The 5-Feature Spray with TURBOLINE**

**BRUNOX AG, Tunnelstrasse 6, CH – 8732 Neuhaus/SG,
BRUNOX Korrosionsschutz GmbH, Postfach 100127, DE – 85001 Ingolstadt**

The information contained in this publication is based on our current knowledge and experience. It does not dispense processors of their own testing due to the many factors that may affect processing and the application of our product. Without prior approval by BRUNOX AG / GmbH, no part of this publication may be used electronically, mechanically or be photocopied, reproduced, transmitted or stored. This technical data sheet and its contents (the "information") are the property of BRUNOX AG / GmbH. No licences are granted; the information is intended solely for information purposes in connection with the appropriate product. The intellectual property rights belong to BRUNOX AG / GmbH. The information may change without notice and replaces all previously supplied technical data sheets. BRUNOX AG / GmbH assumes no liability for the correctness or completeness and accepts no responsibility for any material or immaterial damage caused by use or disuse of the presented information or by the use of incorrect or incomplete information. Processors should check the information and the products for their purpose themselves. They must not make any assumptions regarding suitability based on information included or omitted. Liability for loss or damage resulting from any reliance on the information or use of it (including liability resulting from negligence or in cases where BRUNOX AG / GmbH knew about the possibility that damage may occur). The liability of BRUNOX AG / GmbH remains unaffected in case of death or personal injury resulting from negligence.

BRUNOX ® is a trademark of BRUNOX AG Switzerland.