

# Multi-Purpose, Penetrant & Lubricant

  
**BELZONA**<sup>®</sup>  
**8311**



Belzona 8311 (Nato Fluid) is a multi-purpose penetrant and lubrication system that provides maintenance personnel with a high performance solution whenever disassembly is causing problems.

Belzona 8311 will:

- Release seized components caused through lack of lubrication at assembly or corrosion in service
- Lubricate complex or inaccessible parts
- Provide corrosion protection for bright metal or machined parts in storage
- Remove water from mechanisms and electrical components

This versatile material consists of a blend of ionic and non-ionic molecules with both water repellent (hydrophobic) and water seeking (hydrophilic) properties, providing an easily applied solution for long term protection in aggressive environments.

## TECHNICAL DATA

● CLOSED CUP FLASH POINT  
100°F (38°C)

● COMPATIBILITY WITH OILS  
Complete compatibility with mineral, vegetable and glycol or ester types.

● EFFECTS ON PLASTICS  
No effect on phenolics, polyethylene, polyesters, nylon and rigid PVC. Plasticizers are extracted from flexible PVC.

### EFFECTS ON RUBBERS

● No effect on neoprene and other oil resistant rubbers but natural rubber and S.B.R. will swell with prolonged contact. Uncured rubbers, e.g. pressure sensitive adhesives on wrapping tapes, will be dissolved.

### EFFECTS ON PAINTED SURFACES

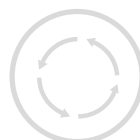
● No effect on polyurethane, epoxy and old alkyd paint. New alkyd paint may be softened and blistered.



EASY TO APPLY



SAFE



VERSATILE



HIGH  
PERFORMANCE

## Key Benefits:

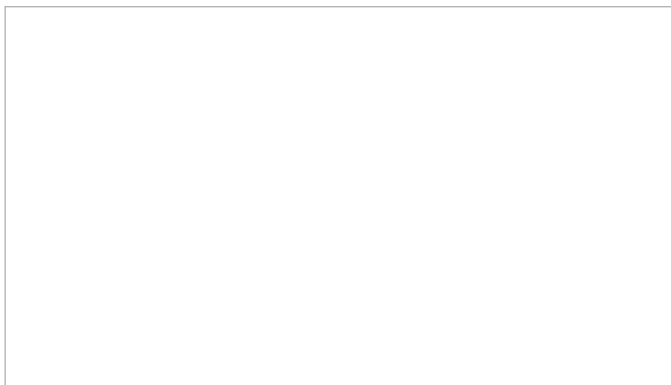
- **Versatile**
  - Protects inaccessible parts against corrosion
  - One product suitable for a wide range of applications
  - Compatible with mineral, vegetable and hydraulic oils
- **Effective**
  - Withstands aggressive environments
  - Manufactured to MOD defence standard 68-10/2
  - No carbon deposits or lacquer formation at high temperatures
  - Outstanding electrical resistance
  - Typical coverage rate of 100sq metres per litre
- **Simple**
  - Difficult surface preparation not required
  - Suitable for application by brush, spray or dipping
  - Adjustable spray allows accurate application control
- **Safe**
  - Does not affect rubber, plastic or organic coatings
  - Spray application using non-pressurised containers
  - Does not have to be removed from protected surfaces prior to application



## Application Areas:

- Corrosion protection
- Dewatering of electronics
- Freeing seized components
- Lubricating mechanisms and components
- Protection of electrical components
- Protection of machined surfaces
- Releasing/penetrating mechanisms and components

For more information, please contact your local Belzona representative:



### QUALITY PRODUCTS - TECHNICAL SUPPORT

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

Belzona has a global distribution network of over 140 Distributors operating in 120 countries. Local support is provided by a trained Technical Consultant who will diagnose the problem, recommend the solution and provide 24-hour, on-site application supervision and advice.