

# ThreeBond 1807

Lubricant

Three Bond 1807 is a highly efficient corrosion inhibitor and lubricant, suitable for temporary storage of metal parts that are kept in water or salt water at high temperature and humidity. It contains organic molybdenum to give good lubrication at applying the load. It is also highly penetrative, hence is able to loose screws that rust adheres.

## 1. Features

- Good anti-corrosion effect
- Excellent loading ability
- Good ability to spread and penetrate
- Does not affect plastics adversely

## 2. Properties

Test	Result	Unit
Colour	Brown transparent	-
Viscosity	2.7	mPa.s
Specific gravity	0.802	-
Non-volatile content	22	%
Spread penetration	59	mm
Capillary penetration	48	mm
Water displacement	Passed	-
Copper plate corrosion test	Passed	-
Wetting test (1)	720	h

### Ageing tests

Test	Result	Unit
Wetting test (60°C x 95%RH)	720	h
Water spray test (class A)	72	h

### Effect on plastics

Test	Result
Nylon	No abnormality
Polybutylene terephthalate PBT	
Polycarbonate PC	
Acrylonitrile butadiene styrene ABS	
Glass Epoxy	
Polyphenylene sulfide PPS	
Acrylic	
Polyester glass	
Polyethylene PE	
Polyvinyl chloride PVC	
Polypropylene PP	
Polystyrene PS	

(1) 40°C x 95%, class A

(2) 60°C x 95%, Class A

## 3. Handling

- Before use, please refer to the safety data sheet.
- Flammable product. Do not expose to heat source.
- Be sure to use it in a well enough ventilated area.
- Use the personal protective equipment recommended in the safety data sheet.
- Shake well before use.
- To avoid any deterioration of certain plastics, a prior test is recommended.
- Keep the product in its original container tightly sealed and store it in a dark, dry and well ventilated place at **5 ~ 35°C**.

Data given here were compiled to the best of our knowledge and are based on experiments and tests of our Company. We cannot guarantee the results obtained through the use of our products, and all products are sold and samples given without any warranty, expressed or implied, of fitness for any particular purpose or otherwise and upon condition that the user shall make his own tests to determine the suitability of the product for his purpose.