



Advanced Lubricants Technology

## PRODUCT INFORMATION

### PERENNIAL RUSPREV BFO-3000 ( BARIUM FREE WATER DISPLACING AND ALKALI RESISTANT RUST PREVENTIVE )

#### DESCRIPTION

PERENNIAL RUSPREV BFO-3000 is a specially developed **BARIUM-FREE, WATER DISPLACING AND ALKALI RESISTANT** rust preventive with solvent, that provides maximum protection against corrosion of areas exposed to element and severe humid condition with its excellent ageing resistance and long time protective film or oil structure.

It is formulated to provide a highly protective microfilm that can withstand ageing, humid and salty conditions. The coating provides a thin protective film with excellent resistance against humidity and salty moisture. Its excellent resistance to salt water and salt spray, economically afford optimum rust protection for outdoor or indoor. Its non staining characteristics are very desirable in many industrial usage.

#### APPLICATIONS

PERENNIAL RUSPREV BFO-3000 is designed for protecting light to medium machinery parts, bolts & nuts, wire, steel plate and steel pipe , rod, wire, gear, spring, gauges, highly finished parts , electroplated parts and others semi-finished components.

#### PERFORMANCE

It is highly stable and field tested to provide outstanding multifunctional characteristics :

1. Excellent rust preventive property in spite of low viscosity.
2. Environmental friendly – Barium-free.
3. Excellent anti-staining property.
4. Easy to degrease with hydrocarbon solvent or alkaline cleaners.
5. Economy due to low oil consumption.
6. Good water displacement properties.
7. Very low odour – improve working environment (unlike conventional type rust preventive oils with strong odour).
8. Superior water displacement abilities.
9. High flash point for usage in environment with higher ambient temperature.

#### TECHNICAL DATA

Film Type	: Oily Film Type, non resin forming, non drying
Density, g/ml @ 15 ° C	: 0.8250
Colour ASTM ( Light Brown )	: 3.0
Viscosity, cSt @ 40 ° C	: 4.5
Flash Point, COC, ° C	: 50
Film Thickness	: 3.0 µm
Total Acid Value (mgKOH/g) D-974	: 1.32
Total Base Number (mgKOH/g) D-2896	: 0.28
Shed Storage Expose Test	: 2 Mths A class
Humidity Cabinet Test	: 220 Hrs A class
Indoor Exposure Test	: 1 Mths A class
Salt Spray Test	: 20 Hrs A class

The above details is typical and does not constitute a contract in terms of properties