



# TECHNICAL DATA

## GB RPF1

### APPLICATIONS

GB RPF1 is a solvent deposited, water-displacing, short to medium term rust preventative, particularly for use where the treated parts are stored indoors. This product has a very low surface tension and viscosity, and therefore spreads rapidly, penetrating into all hard to reach parts and covering all surfaces however irregular. It dries to leave a continuous protective coating of viscous petroleum products and additives that have rust preventative properties. This product is particularly useful where metal parts to be treated are wet, because the chemistry of GB RPF1 has an attraction to the metal surface and this completely displaces all traces of water before laying down the protective rust preventing oily film. GB RPF1 is particularly suitable for use in machine shops as an inter-operation rust preventative for wet parts and is recommended for protection of bright steel wire, bars, billets, sections and sheets.

### APPLICATION METHOD

GB RPF1 can be applied by spray, brush or dipping. The product is ready for use straight from the drum, no stirring or mixing is required, however the drum must be kept closed to avoid excessive evaporation of the solvent. If parts that have been treated with GB RPF1 are to be subsequently painted, the coating must be removed prior to painting and this can be achieved using commercially available solvents such as Paraffin.

### PROTECTION PERFORMANCE

Indoors	12 months
Covered Outdoors	6 months
Outdoors	3 months

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## **GB LUBRICANTS**

Albany Road Gateshead NE8 3BP

Tel: 0191 490 4312

Fax: 0191 477 9544

e-mail: [gblsales@gb lubricants.co.uk](mailto:gblsales@gb lubricants.co.uk)

[www.gblubricants.co.uk](http://www.gblubricants.co.uk)

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Integrated Management System  
PAS 99 IMR 560337  
ISO 9001  
ISO 14001  
OHSAS 18001

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## **PHYSICAL CHARACTERISTICS**

Appearance	Dark Brown liquid
Relative Density	0.821
Kinematic Viscosity @ 40°C, cSt	3.5
Flash Point (Closed) °C	50
Film Thickness	6.4 microns
Humidity Cabinet	>60 days
5% Salt Spray	100 hours

## **STORAGE AND HANDLING**

GB RPF1 should be stored under cover to avoid water collecting in the rim of upturned barrels. Keep sealed in original container to prevent evaporation of the solvent and thickening of the product. Avoid extremes of temperature.

## **HEALTH, SAFETY AND THE ENVIRONMENT**

Further information on GB RPF1 can be obtained by referring to the corresponding Safety Data Sheet.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, [www.environment-agency.gov.uk](http://www.environment-agency.gov.uk), as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations and specifications, without prior notice.