

MOSIL RPH - 3877 Special

Heavy Duty Corrosion Protection Coating

It is a specially formulated heavy duty corrosion protection coating for long term indoor and outdoor protection of components etc. It leaves a dry film capable of withstanding severe moisture and humidity etc. providing protection against rust and corrosion for more than 24 months.

AREA OF APPLICATION

1. Specially recommended for external protection of casing, drill pipes, drill collars and other tubular connections.
2. Protection of finished components, in-process parts, in-transit goods, raw materials, structural steel.
3. Protection of equipments, tools, jigs, pipes, shafts, housings, wire ropes, valves, gears etc. in offshore applications.
4. Effective corrosion shield for overseas shipments, winterizing of farm machinery outdoor storage.
5. To be used for brine and chloride resistance in refrigeration plants

BENEFITS

- ➔ An excellent rust preventive coating.
- ➔ Highly water repellant & chemically inert.

METHOD OF APPLICATION:

Ensure that the surface to be coated is clean, degreased and dry. (Use Mosil SPRAY - 18 or DG - 202 if necessary for cleaning and degreasing). Shake the container of RPH - 3877 Special well. The product can be applied by brush, spray gun or by dipping. Allow the film to be dried for at least 15 - 20 minutes prior to applying additional coat to get thicker coating.

PACKING: 20 Litre Pail, 210 Litre Drum

Owing to evolving packaging solutions, user is requested to kindly check the availability of a specific pack size prior to standardization.

Mosil Lubricants Private Limited

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA
T: +91 22 2464 0500 /0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com
Regd Office: 166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177



Sr	CHARACTERISTICS	TYPICAL VALUES
1.	Appearance	Liquid
2.	Color	Black <i>(Minor variation in color has no effect on the performance of the product)</i>
3.	Resin	Synthetic Alkyd
4.	Specific Gravity @ R. T.	0.92 ± 0.05
5.	Odour	Characteristic
6.	Film Type	Dry
7.	Solids, %	40 (min)
8.	Flash Point, °C	25 (min)
9.	Drying Time for handling	15 - 20 minutes
10.	Gloss, @60°	70 - 85
11.	Pencil Hardness (min)	HB
12.	Cross Hatch Adhesion (%)	100 (typical)
13.	Salt Spray Resistance*	200 hrs (min)
14.	Bend Test, 6mm	No Film Cracking Observed
15.	Acid Fume Test 6M HCL (40%), 24 hrs 5M H ₂ SO ₄ (40%), 24 hrs	Passes (No effect observed on the Film)
16.	Alkali Fume Test 4M NaOH (16%), 48 hrs	Passes (No effect observed on the Film)
17.	Impact Test 40cm / 1.8 kg 70cm / 1.8 kg 100cm / 1.8 kg	Passes (No damage or any other effect observed on the Film)
18.	Temperature Range	-40°C to + 100°C
19.	Average coating thickness (on single uniform coat)	Less than 25 microns

* as the performance in corrosion protection is affected by the geometry of the parts, pretreatment of the surface, application method and thickness of the applied film it is recommended that customers run trials on original parts before setting specifications



PRODUCT BULLETIN



Material Safety Information required for safe usage of this product may not be included in this product bulletin and may be sought by contacting MOSIL. Users are advised to go through the Material Safety Data Sheet (MSDS) of this product prior to application / usage of this product.

All statements and information contained in this document are based on the laboratory testing and user experience on actual applications. Owing to the exhaustive possibility of application for which this product may be used and the variety of equipments, performance parameters, environmental conditions and unpredictable human factors, we strongly recommend that this product be tested on the actual application prior to its standardization. All information contained herewith is offered in good faith but without any expressed or implied warranty. This Product Bulletin may already have been revised considering the availability of raw components, legislation, user experience & expectations and enhancement of knowledge of the development team of MOSIL. Users are requested to kindly seek the latest version of this product bulletin by contacting MOSIL. Information provided in this Product Bulletin is based on the generalised expectations and requirements of users. Additional information for this product may also be sought by contacting MOSIL.

Rev 02, Issue 01

Mosil Lubricants Private Limited

Technical Services Dept: "ANIRA" Plot No. A-791/3, MIDC Khairne, Navi Mumbai - 400710. INDIA
T: +91 22 2464 0500 /0501 | F: +91 22 2778 8505 | E: corporate@mosil.com | W: www.mosil.com
Regd Office: 166/1, KALANIDHI, Sion(West), Mumbai - 400 022 | CIN # U23200 MH 2000 PT C124177

