

# TECTYL® PROVEN RUST PREVENTION AROUND THE WORLD FOR OVER 75 YEARS

## **Tectyl stops rust before it starts**

Valvoline, a division of Ashland Inc., one of the largest independent international oil companies in the world does business in more than 100 countries. Valvoline produces a comprehensive range of TECTYL rust preventive products and lubricants for automotive and industrial applications.

## **Valvoline activities in Europe**

In addition to its sales offices throughout Europe, Valvoline also has its own research laboratories and production facilities in Dordrecht, The Netherlands, which supply TECTYL and Valvoline lubricants to the entire European market. Market research, product development and its own quality controlled production ensures the ultimate in quality and performance.

There are numerous types of TECTYL products each with its own specific properties and applications. Valvoline can supply exactly the right TECTYL product for almost every kind of preservation processes from thin, clear coatings to heavy duty wax and black bituminous products. TECTYL protective coatings are formulated from modified petroleum derivatives and exhibit a strong adhesive affinity towards metal surfaces forming an active polar binded rust preventive barrier.

## **Simplicity is the key to quality**

TECTYL coatings may be applied to all metallic surfaces irrespective of condition. However the better the surface preparation, the better will be the degree of protection attained. Most TECTYL products can be removed as may be required by using a petroleum solvent or degreaser. Individual product information detailing the characteristics and application of TECTYL coatings may be obtained from our Technical Department.

## **Selecting the most suitable TECTYL product**

Any anticorrosion treatment will fail due to use of the wrong product or incorrect application.

The following points should always be considered:

- Duration of protection required
- Storage method and climate conditions
- Type of metal and finish
- Preferred method of application
- Method of packing and transportation
- Removal requirements of the coating after the storage period

Our specialists will be pleased to advise you in your choice of product or in compiling a preservation programme. They can also advise you on the correct method of application and removal.

## **Removal, cleaning**

Most TECTYL products are usually easy to remove from all metal surfaces by using a petroleum type of solvent such as white spirits. Large areas may be cleaned by using high-pressure hot water or steam equipment with petroleum solvent or degreasing agent. Heavier (Tectyl) coatings are generally not intended to be removed. Specific information on application and removal procedures can be obtained from our Technical Department.

## **TECTYL offers protection against corrosion**

Industrial applications of TECTYL often involve more than just preservation. Supplementary or even primary considerations can include: resistance to moisture, lubrication, and anti-wear properties. The combination of these requirements has resulted in many types of TECTYL products which are multi-functional in their performance. The TECTYL film applied for temporary storage may also act as a lubricant and/or drawing oil for subsequent manufacturing stages. Engines and gearboxes also need internal protection for storage/shipment.

A product which acts as both a running-in oil and preservation oil offers considerable advantages. For example TECTYL 910/930 and 915w40 not only provide excellent preservation but also have the properties of high quality level engine oils meeting the most recent API and military specifications.

## **Shipments and TECTYL**

It is essential for every machine manufacturer to protect against corrosion in such a way that, even during lengthy shipment periods under the most severe climatic conditions, the goods will arrive at their destination without any evidence of corrosion. In addition to the normal protection against physical damage during shipment, protection against corrosion is also very important. Corrosion rates are low when the air is clean and the relative humidity is below 70%. However, once the critical limit of 70% relative humidity has been exceeded, severe corrosion can occur. This process can be accelerated by polluted industrial atmospheres (SO<sub>2</sub>), saline content and acidic fingerprints.

Air is always present, even in an absolutely airtight packing, and its humidity will increase or decrease as the temperature rises or falls. Changes in temperature which cause condensation will always occur during sea, air or even road transportation of components. Dessiccants are helpful in such circumstances, but only as long as the packing is airtight. This is often not the case due to the fact that the packing is often damaged by rough handling. It is therefore recommended that even the most modern packing procedures should be supplemented with the appropriate TECTYL product to maximise protection under the most adverse of conditions.

## **TECTYL for shipping and offshore**

Western Europe is well known for shipping and offshore activities. It is not surprising that TECTYL has been used for general preservation purposes in these fields for many years. Products such as Tectyl BT coat, BT Float Coat and TECTYL 130 are widely used. All these TECTYL products penetrate existing rust and significantly retard the corrosion process. Consequently the metal surface can be given sufficient protection at very low, or with no, pretreatment and application cost involved.

These advantages have ensured that TECTYL products are widely used in maintenance activities within the shipping and offshore industry where TECTYL coatings are used for the protection of pipes, pipelines and structures. Pre-painted equipment is also treated in case of shipping and storage using TECTYL paint preservatives. Use of this specific product enables significant reduction in the incidence of paint damage and the subsequent rectification costs to be achieved.



**Tectyl®**  
PROTECTIVE PRODUCTS