

# RUST

## RUST-PREVENTING OF OILS

### **ASTM D665 IP 135 RUST-PREVENTING CHARACTERISTICS OF INHIBITED MINERAL OIL IN THE PRESENCE OF WATER**

This test method covers the evaluation of the ability of inhibited mineral oils, particularly steam-turbine oils, to aid in preventing the rusting of ferrous parts should water become mixed with the oil. This test method is also used for testing other oils, such as hydraulic oils and circulating oils. Provision is made in the procedure for testing heavier-than-water fluids.

### **ASTM D3603 RUST-PREVENTING CHARACTERISTICS OF STEAM TURBINE OIL IN THE PRESENCE OF WATER (HORIZONTAL DISK METHOD)**

This test method covers the ability of steam-turbine oils to prevent the rusting of horizontal and vertical ferrous surfaces when water becomes mixed with the oil.

### **ASTM D5534 VAPOR-PHASE RUST-PREVENTING CHARACTERISTICS OF HYDRAULIC FLUIDS**

This test method covers the ability of hydraulic fluids to prevent the rusting of steel in the vapor phase over the hydraulic fluid and water

### **ISO 7120 PETROLEUM PRODUCTS AND LUBRICANTS -- PETROLEUM OILS AND OTHER FLUIDS -- DETERMINATION OF RUST-PREVENTING CHARACTERISTICS IN THE PRESENCE OF WATER**

Defines a method for evaluating these products to indicate the effectiveness in preventing the rusting of ferrous parts should water becomes mixed the oil/fluid. The methods for application to inhibited oils including steam turbine oils, circulating oils and hydraulic oils and non-hydrocarbon fluids including fluids denser than water.

Oil bath completely made of stainless steel, with double insulated wall. Temperature regulation by digital thermoregulator PID with PT100 probe class A and overtemperature alarm, stainless steel heater, motor stirrer, safety internal level for low liquid with warning lamp.

T-shaped stainless steel stirrers rotate in their glasses at a constant speed of 1000 ±50 rpm. Transmission frame and upper weir with bearings block and pulley.

Technical specifications:

- Temperature: from ambient to 120°C (248°F)
- Stability: ±0.1°C
- Power supply: 230V ±10% 50/60Hz
- Power: 1800W

### **1940/4 RUST PREVENTION BATH (4 POSITIONS)**

- Dimensions: 65x22x60 cm
- Weight: 35 kg

### **1940/6 RUST PREVENTION BATH (6 POSITIONS)**

- Dimensions: 115x22x60 cm
- Weight: 40 kg

