



# Technologies

## TECHNICAL INFORMATION 929 DRY TO TOUCH OIL

### 1. INTRODUCTION

**979 Dry-To-Touch-Oil** is a specially formulated self emulsifying oil used in water to produce a milky emulsion for the treatment of phosphate coatings. The resultant coating provides a dry-to-touch corrosion resistant film.

### 2. OPERATION INFORMATION:

	<b>Optimum</b>	<b>Range</b>
Concentration	10-15% by volume	5-20% by volume
Coating Weights	Use low end of concentration range for zinc phosphate coating weights between 2.0-3.5 grams/M <sup>2</sup>	
Temperature	56° C	49-60° C
Time	60 seconds	30 seconds or longer
Tank	Steel	
Heater	Steel	
Agitation	Mild Air or Mechanical	

### 3. MAKE UP PROCEDURE

**979 Dry-To-Touch Oil** is readily emulsible in water. Two thirds fill tank with warm water (54° C) and add **979 Dry-To-Touch Oil** slowly with stirring. Adjust solution to desired level.

### 4. CONTROL PROCEDURE

- Take 50 ml sample in 100 ml glass measuring cylinder.
- Carefully, with shaking, add 15 ml Reagent Solution 44.
- Allow the cylinder to stand for 5 minutes.
- Read volume of floating layer.

Volume of floating layer x 2 = % by volume **979 Dry-To-Touch Oil**.

**5. WASTE DISPOSAL**

Slowly acidify emulsion with acid to break the emulsion. The oil film will rise to the surface. Separate the oil from the water. Discard the water after suitable pH adjustment. Incinerate the oil.

**DISCLAIMER**

Any information given is, to the best of our knowledge, the best currently available, with respect to our products and their use, but it is subject to revision as additional knowledge and experience is gained. Such information is offered as a guideline for experimentation only and is not to be construed as a representation that the material is suitable for any particular purpose or use. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use. This information is not a license to operate under nor is it intended to suggest infringement of any patent. We guarantee a uniform quality standard for this product. The only conditions and warranties accepted by Henkel in relation to this product or process are those implied by either Commonwealth or State statutes.