

# ADVALON<sup>®</sup> TL 88 E

## Silicone Fluid Emulsions, functional

ADVALON<sup>®</sup> TL 88 E is a 50% active exhaustible lubricant emulsion. The milky white liquid contains polydimethylsiloxane and waxes.

### Properties

Excellent abrasion resistance  
Very low coefficient of friction  
Excellent slip stick properties  
Increased heat resistance

### Technical data

#### Specification

Property	Condition	Value	Method
Appearance	-	milky white liquid	-
Active ingredients "Silicone/wax combination"	-	50.0 %	-

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

## Application details

ADVALON® TL 88 E is a 50% active lubricant emulsion designed for the exhaustion process on Textured or Spun Polyester thread. The design of the emulsion guarantees an even distribution especially on Spun Polyester Thread. ADVALON® TL 88 E is an excellent lubricant for medium and heavy duty sewing thread applications. ADVALON® TL 88 E improves the overall performance of sewing threads significantly.

### Processing

ADVALON® TL 88 E is an exhaustible thread lubricant. The emulsion is added to the dye bath. By circulating the finishing liquor through the bobbins the lubricant will exhaust onto the thread. This technique allows dyeing and lubricating the thread in the same equipment.

To achieve maximum exhaustion it is recommended to buffer the dye bath with about 1 to 2% of ammonium acetate to a pH of 6.5. After circulating the bath at ambient temperature for ten minutes the temperature is raised at a rate of 3 to 5°C per minute until the bath reaches a maximum temperature of 72°C (160°F).

For an even distribution of the lubricant throughout the bobbin it is best to alternate flow direction. Three minutes from outside to inside alternating with two minutes from inside to outside are recommended. The normal application levels are from 4% to 12% On- Weight-Of-Goods based on the emulsion as received.

## Packaging and storage

### Packaging

ADVALON® TL 88 E is available in drums and totes.

### Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

## QR Code ADVALON® TL 88 E



### For technical, quality or product safety questions, please contact:

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
info@wacker.com, www.wacker.com

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