

## TENSIOL FR

SOFTENING AND DETERGING AGENT FOR  
ROTOPRESS FELTS

### CHEMICAL COMPOSITION

Esterificated and neutralized fatty acids

### CHARACTERISTICS

<i>Appearance:</i>	<i>milky white liquid</i>
<i>pH in solution at 10%:</i>	<i>6,5 – 7,5</i>
<i>Charge:</i>	<i>cationic</i>

### PROPERTIES

**TENSIOL FR** is suitable to recondition and re-collate the special felt transport systems present in finishing rotopresses and in “multiple” roller glazing and embossing machines. It is well-known that such expensive and important leather transport systems are constituted by a particular composition of woollen and synthetic fibres, subjected to various mechanical - thermal treatments aimed at making the surface even. This very important levelling (in particular in continuous embossing phase) can be compromised by the passage of semi-finished leathers that are not completely stretched. This inconvenience causes serious depressions on felts, which compromise uniform embossing on subsequent leathers.

**TENSIOL FR**, thanks to its softening action, can soak and swell the felt to make it perfectly levelled. Hence its action is aimed at the achievement of two important goals:

- 1) to slow down felt wear process maintaining the original softness and elasticity of the woollen component
- 2) to contribute to restore the depressions occurred while embossing leathers that are not perfectly stretched or have variable thickness, typical problem of those who work on behalf of third parties.

#### USAGE METHOD

We recommend to carry out washing at least once a week, solubilizing **TENSIOL FR** in warm water at 2:10 ratio. Moisten the felt transporter completely with this solution using a manual sprayer. Stop the machine. During the night-rest (or in the week-end in winter) the felt will gradually dry, swelling and cleansing. It was noticed that 1:5 solution of **TENSIOL FR** is also useful to maintain a uniform levelling degree on the felt surface for the wet blue leather pressing and in the wrung post-dyeing and fat liquoring. In this processing phase, a preventive washing with a degreasing agent of ours (**TENSIOL PF**), makes the final softening action of **TENSIOL FR** more incisive.