ALLOCLEAN MZ - 85 is a chelated alkaline cleaner for electro cleaning of zinc base die castings. ALLOCLEAN MZ - 85 is used cathodically to remove light tarnish by dissolving the surface oxides.

OPERATING CONDITIONS

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>Temperature</th>
<th>Time</th>
<th>Current density</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLOCLEAN MZ – 85</td>
<td>40 – 60 g/ltr</td>
<td>60 – 70°C</td>
<td>1 – 3 mins</td>
<td>2.5 – 5 A/dm²</td>
<td>6 – 8 volts</td>
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<tr>
<td>Temperature</td>
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</table>

MAKE UP
Fill the cleaning tank with warm water to 2/3rd of its final volume.
Add the required quantity of ALLOCLEAN MZ – 85 and stir to dissolve completely.
Fill the tank to operating level and heat it to the operating temperature.

OPERATION
The components are pre-cleaned in an appropriate emulsifiable solvent, emulsion spray or hot alkaline cleaner prior to electrolytic cleaning. The components are then electrolytically cleaned at 2.5 to 5.0 A/dm² cathodically. However, the cathodic cycle may be followed by short anodic cycle for approximately 30 secs to remove any metallic film which may have plated out on the part during cathodic cycle.

After electro cleaning the parts should be given a suitable acid dip to neutralise the remaining alkalinity and remove any silicate film present on the work ELTEK DRY SALT 173 is recommended for acid dip.

EQUIPMENT
Plain stainless steel tank is recommended. Heater made of steel or quartz can be used for heating purposes.

ANODES
Where there is a steel tank the tank itself can be made the anode, otherwise stainless steel plates can be used.

CAUTION
ALLOCLEAN MZ – 85 is alkaline in nature and contact of the salt or bath solution with skin or eye should be avoided.

NOTE
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