

TECHNICAL DATA SHEET

OIL REMOVER 100

Oil Remover 100 is a heavy duty liquid based cleaner used along with sodium hydroxide for soak cleaning of steel, copper and copper alloys.

Oil Remover 100 effectively removes cutting oils, greases from the surface and provide excellent rinsability. For cleaning of copper and copper alloys low concentration of sodium hydroxide should be used.

OPERATING CONDITION:

CONCENTRATION:

FOR STEEL

Oil Remover 100	50-75 ml/lit
Sodium hydroxide	25-35 g/l
Temperature	80-90°C
Time	2 -5 min as required
Agitation	Low air or component movement

FOR COPPER AND COPPER ALLOYS :

Oil Remover 100	30-60 ml/lit
Sodium hydroxide	10-20 g/l
Temperature	80-90°C
Time	2 -5 min as required
Agitation	Low air or component movement

MAKE-UP:

Fill the tank approximately 2/3rd of the tank with warm water. Then carefully add sodium hydroxide in small quantities with regular stirring. When all sodium hydroxide is dissolved, add the required quantity of Oil Remover 100 with string and make up to the working level by adding fresh water.

EQUIPMENT:

Oil Remover 100 solution may be contained in plain steel tanks and heated with electric immersion heaters or steam coils. A dam overflow can provide a good means of keeping the surface free of the displaced oil and float out reduces that may occur from some soils. After cleaning, efficient powerful spray rinses should be provided for dislodging adherent soils.

CONTROL:

Oil Remover 100 solutions may be controlled by standard acid titration using phenolphthalein as an indicator. The replenishment should be made by adding proportionate quantity of Oil Remover 100 along with Sodium hydroxide (same ratio as for makeup) to maintain optimum cleaner composition.

WASTE TREATMENT:

Spent Oil Remover 100 solutions are alkaline and may contain particles of metals processed through the operating solution. Spent solutions must be neutralized prior to discharge in to a sewer system.

DISCLAIMER:

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