



Technical Data Sheet

Wave Solder Oil Dross Inhibiting Agent

Description

ChemTools Wave Solder Oil is a highly refined mineral oil that is suitable for high temperature applications formulated from high quality oils that are resistant to oxidation and thermal degradation. It provides long life, low smoke and reduced carbonisation.

Physical Properties:

Flash Point (ASTM D92):	282°C
Viscosity @ 40°C (ASTM D445):	460cSt
Appearance:	Dark Amber Liquid
Odour:	Slight mineral oil
Specific Gravity @ 16°C:	0.91Kg/L

Application Method:

Suitable for use on tin lead and lead free wave soldering machines, it is most commonly used to protect the area of solder around the impeller drives. A suitable quantity is placed in the well around the drive shafts to form a thick blanket over the solder. This will protect the solder at the point of maximum agitation, reducing the amount of dross formed in this area.

To maintain optimum protection the oil should be changed periodically depending upon temperature and usage.

Packaging & Storage:

Available in 500ml containers.

When stored in a cool, dry place, in tightly closed original containers, at a room temperature between 5°C to 30°C. it has an indefinite shelf life. Please do not return any used material to its original container.

PRECAUTIONS: This product capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

Warranty: All products purchased from or supplied by ChemTools are subject to terms and conditions set out in the contract. ChemTools warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by ChemTools is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. ChemTools makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.