



WS218 Quenching Oil

DESCRIPTION

WS 218 QUENCHING OIL is a low-foaming and completely water-soluble fluid for quenching after hot air leveling. WS218 QUENCHING OIL is used to cool the solder after HASL prior to rinsing.

BENEFITS

1. Economical Quenching Oil
2. Excellent rinse-ability

APPLICATION

WS 218 is used in a quenching machine after hot air leveling to cool the HASL solder. The board after HASL is placed into a quenching machine then through conveyORIZED post cleaner and dried. DI water is recommended for final rinsing to reduce ionic contamination. Rinse aids can also be used to reduce ionic residues if necessary.

OPERATING PARAMETERS

Make-Up	100% WS218
Temperature	Room Temperature
Immersion Time	2 – 5 seconds
Process	Machine
Agitation	Not necessary
Ventilation	Not necessary
Tanks	Stainless Steel/plastic
Racks and Baskets	Not applicable
Heaters	Not applicable
Filtration	Not necessary



PHYSICAL PROPERTIES

Specific Gravity	1.02 – 1.06
Appearance	Clear to light amber liquid
pH	Neutral
Odor	Mild
Flash Point	< 550F

CONTROL PROCEDURES

Consumptions of oil is normally limited by drag out. There is no other way of controlling or monitoring the quality of the quenching oil. Temperature and acids (from the Hot Air Flux) degrade quenching oils.

ANALYSIS

Not applicable.

SAFETY AND STORAGE

WS 218 should be handled with care. Avoid open flames. Do not store in direct sunlight, high temperature, or below freezing.

WASTE TREATMENT

Spent quenching oils should not be bled into waste treatment systems, especially resin columns and filtration units. Normally, the spent oil is pH neutralized with caustic soda and sent to a hazardous materials waste handler for fuel blending. Consult with local officials for further waste disposal regulations.

Please ask a Florida CirTech technical sales rep for more information regarding waste treatment of this chemistry and our complete line of waste treatment if additional help or information is desired.

MISCELLANEOUS

- Comes in 5-gallon pails and 55-gallon drum. Consult MSDS sheet for additional information.
- The information given in this technical data sheet is to the best of our knowledge accurate. It is intended to be helpful but no warranty is expressed or implied regarding the accuracy of such data. It is the users responsibility to





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