



WA33 COMPOUND

RichardsApex WA33 is a mild, pH neutral liquid concentrate formulated for use in spent Aluminum and Copper drawing emulsions to easily and safely aid in system clean-up prior to disposal and recharging.

Benefits

Functions at typical solution temperatures

Easy to handle liquid form

High solvency power

Neutral balance pH for operator safety

May be added to drawing solution during last scheduled drawing shift with no ill effects to operators

May be used as a tank side additive to improve detergency and stabilize emulsion.

Recommended Uses

WA33 is recommended for use at 0.5% to 1.5% by volume and has proven particularly effective at system temperatures as low as 46°C (115°F). Where higher temperatures are available, improved cleaning with reduced circulation time would be expected. Typically, at 49°C (120°F) circulation times of 4 to 6 hours are required. A thorough rinse is also recommended.

Specifications

Density	0.93 kg/L	7.76 lbs/gal
pH of a 3% solution in DI	7.5	