

Solvent BA13

A non-VOC, non Hazard labeled, solvent.

Solvent BA13 is a high performing non-VOC solvent for the removal of the most difficult soils from metals. Designed specifically to replace trichloroethylene at tube mills it is able to a range of heavy duty chlorinated stainless steel and nickel alloy drawing lubricants, polymer based aluminium tube drawing lubricants, and EP polymer based copper tube lubricants. It is therefore an ideal choice when removing heavy drawing oils and lubricants of all types from metal components. Its high boiling and flash points make it an excellent choice for use at the temperatures at which optimum degreasing performance is obtained.

Solvent BA13 can be used in existing trichloroethylene and other chlorinated solvent degrease equipment, however it is not a vapour phase degreaser, and it operates as a liquid phase solvent.

Solvent BA13 is effective in removing the following types of products, this list is not exhaustive.

Gear Oils – mineral oil based	Gear Oils – Synthetic all types
Hydraulic Oils	Machine oils
Metal working coolants	Drawing oils (except copper tube lubricants)
Chlorinated lubricants	Sulphurised lubricants
Forming oils	Tube bending lubricants
Fine blanking oils	Honing fluids

Solvent BA13 has optimum degreasing performance at 60-100°C. At this temperature the time required for degreasing is the same as for trichloroethylene and for oil and resin based products the solvency is generally better. Temperature choice will depend on the presence of components in the oils to be removed which may require melting before they are removed.

Solvent BA13 can replace the following solvent based cleaners.

Trichloroethylene
Perchloroethylene
Methylene chloride

Solvent BA13 – Typical Data

Boiling point @ 760 mmHg, 1.01 bar	>250°C
Flash point (Closed Cup)	>100°C
Freezing point	<10°C
Vapor pressure@ 20°C	extrapolated 0.01 mmHg
Specific gravity (25/25°C)	0.87
Viscosity (cP or mPa.s @ 25°C)	<10
Autoignition temperature	>200°C

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