

Solveco 120

A non-VOC, non Hazard labeled, hydrophilic, slow-evaporating solvent with an excellent active solvency.

Solveco 120 is the highest performing non-VOC solvent on the market in terms of removal of the most difficult soils from metals. Designed specifically to replace trichloroethylene at a stainless steel tube mill in the UK it had to be able to remove plastic coatings and heavy duty chlorinated drawing lubricants. It is therefore an ideal choice when removing heavy drawing oils and coolants from metal components. It has extremely high polymer solvency and is particularly suited to the removal of resins and plastics used in the highest quality tube drawing lubricants. Its high boiling and flash points make it an excellent choice for use at the temperatures at which optimum degreasing performance and drying can be obtained.

Solveco 120 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.

Solveco 120 is effective in removing the following types of products, this list is not exhaustive.

| | |
|---|--|
| Plastic coating lubricants used in arduous draw bench reduction of stainless steel. | Resins and plastics |
| 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 |

Solveco 120 has optimum degreasing performance at 60-80°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 much the same.

Solveco 120 can replace the following solvent based cleaners.

| |
|--------------------|
| Trichloroethylene |
| Perchloroethylene |
| Methylene chloride |

Solveco 120 – Typical Data

| | |
|------------------------------------|------------------------|
| Boiling point @ 760 mmHg, 1.01 bar | >200°C |
| Flash point (Closed Cup) | >100°C |
| Freezing point | -10°C |
| Vapor pressure @ 20°C | extrapolated 0.01 mmHg |
| Specific gravity (25/25°C) | 0.985 |
| Viscosity (cP or mPa•s @ 25°C) | <10 |
| Autoignition temperature | >250°C |