



TECHNICAL DATA SHEET

Solvent 702

Solvent 702 is a high performing non-VOC solvent for the 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 a range of heavy-duty chlorinated drawing lubricants. It is therefore an ideal choice when removing heavy drawing oils and coolants from metal components. 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.

Solvent 702 can be used in existing trichloroethylene and other chlorinated solvent degrease equipment; however, it is not a vapor phase degreaser, and it operates as a liquid phase solvent.

Solvent 702 is effective in removing the following types of products, this list is not exhaustive.

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| 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 702 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.

Solvent 702 can replace the following solvent based cleaners.

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| Trichloroethylene |
| Perchloroethylene |
| Methylene chloride |

Solvent 702 – Typical Data

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|------------------------------------|------------------------|
| Boiling point @ 760 mmHg, 1.01 bar | >220°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 |

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