

METALLISATION WIRE OIL

Technical Bulletin 2.5.8

METALLISATION WIRE OIL - Pt No 21261

This is a low viscosity compounded cleaner and lubricant. When used sparingly on wires in the Flame and Arcspray process it helps to remove any debris which may accumulate on the wire surface and leaves a thin residual film. This film aids the passage of the wire through the spraying system, preventing pick-up at high pressure areas and prolonging the life of system parts.

When applied to cleaning pads or clean rag which is lightly knotted around the wire, the solvent present loosens dirt allowing the pad / rag to retain debris whilst lubricating the wire. When using such pads / rags, it is important to inspect them regularly to ensure that the surface in contact with the wire is not clogged and packed with debris, bearing in mind that the wire may be consumed at around 300mm per second.

The placement of the cleaning pads or rags depends on the system being used. For Arcspray it should be before the wire conduits or where any wire is exposed to the atmosphere, prior to entering the spray pistol and for the Flame spray pistol they should be placed behind the rear wire guide on the spray pistol.

PRODUCT DATA

Pack Size :	1 litre re-sealable plastic bottle
Storage Life :	Indefinite if sealed
Storage Temperature:	0 to 30°C
Kinematic Viscosity :	5.17 mm ² /s @ 40°C
Specific Gravity :	0.816
Colour :	Pale yellow

METALLISATION WIRE OIL CONCENTRATE - Pt No 21261C

This wire oil is also available as a concentrate, Pt No - 21261C; it should be diluted with 3 parts Odourless Kerosene to one part 21261C Wire Oil concentrate.

PRODUCT DATA

Pack Size :	Pt No - 21261C 1 litre re-sealable plastic bottle Pt No - 21261C25 25 litre re-sealable container.
Storage Life :	Indefinite if sealed
Storage Temperature:	0 to 30°C

ODOURLESS KEROSENE

This is a low-odour "narrow-cut" kerosene, with low volatility and low aromatic content. Its special refining treatment results in a high naphthene content, thus retaining good solvency properties. A high flash point typically 77°C, enables Odourless Kerosene to be used safely in situations which would preclude the use of lower flash materials.

The low odour of Odourless Kerosene makes it an economic and effective substitute in formulations involving "Odourless Kerosene", such as wax blends, aerosol wax polishes, damp treatment compounds, pesticides and woodworm-eradication preparations.

Properties and Advantages - High naphthene content with good solubility performance.

- Low volatility.
- Low aromatic content.
- High flash point.

Odourless Kerosene is also known as : - Stoddard Solvent, White Spirit, Odourless Lamp Oil, Paraffin liquid, Mineral Spirits, Mineral Turpentine, Turpentine Substitute, Petroleum Spirits, Solvent Naphtha (petroleum) and Dearomatised Kerosene.

TYPICAL CHARACTERISTICS

Methods	Characteristics	Odourless Kerosene
	Colour	Water White
	Colour, Saybolt	+ 25
ASTM D 4052	Specific Gravity at 15°C g/ml	0.800
ASTM D 445	Viscosity at 40°C	1.80
ASTM D 93	Flash point, PMCC°C	77
	Distillation –	200
	50% °C	217
	90% °C	234
	FBP °C	260
	Sulphur Content, % Wt	0.002
	Aromatic Content, % Vol	0.7
	Copper Corrosion – 3 hours at 100°C	1

NB: This product is flammable and your attention is drawn to Metallisation MSDS Sheet for advice on safe storage and use.