

CADREX EV 1800

Vanishing Neat Oil

DESCRIPTION

CADREX EV 1800 is an evanescent odorless chlorine-free and strongly additivated fluid dedicated to deformation and cutting of medium-hard and hard steels, high-alloy steels and very thick stainless steels.

APPLICATIONS

CADREX EV 1800 has been developed for metal sheets with thickness from 3 to 10mm (HLE, XES, galvanized, stainless steel):

- Forming and stamping up to 10mm
- Blanking

ADVANTAGES

- Fast Evaporation
- Dry content without wax
- Low surface tension
- Use: low pressure spraying, roller, impregnation by dipping

TECHNICAL INFORMATION

| CHARACTERISTICS | METHOD | UNIT | CADREX EV 1800 |
|------------------------|------------|------|----------------|
| Colour | Visual | | Clear Brown |
| Density at 20°C | NFT 60.101 | | 0.870 |
| Viscosity at 40°C | ASTM D 455 | cSt | 7 |
| Flash point | ISO 2719 | °C | 70 |
| Copper strip corrosion | ASTM D 849 | | 4b |
| Dry extract | NFT 30 084 | % | 20 |

OTHER VANISHING OILS IN THE CADREX RANGE

| CHARACTERISTICS | CADREX V877 | CADREX EV 1100 | CADREX EV 1400 | CADREX EV 1600 | CADREX EV 4012 |
|-----------------|--------------------------------------|---------------------------------|--|--|---|
| Flash point | >62°C | 62°C | 62°C | 62°C | 105°C |
| Dry content | 1% | 3% | 12% | 20% | 10% |
| Applications | Forming and cutting of thin aluminum | Forming and cutting of aluminum | Forming and cutting of thin steel and non-ferrous metals, stamping 2-3mm thickness on small height. Not suitable for stainless steel | Forming and cutting of steel, stainless steel, aluminum and copper alloys. It is also suitable for the fine cutting of thick parts (30mm). | Same applications as CADREX EV 1400, but has a higher flash point. No-VOC product |

The specifications are given for information purposes only and may need to change.