

FORM EV 770

VOLATILE FORMING OILS

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Rev. 3

DESCRIPTION & APPLICATIONS

FORM EV are volatile metal shaping oils generally used for stamping, folding, cutting, forming, shaping, threading and punching on metal sheets.

Due to their low viscosities they can be easily applied by spraying, dripping or rolling.

FORM 770 EV is chlorine-free and has a reasonable evaporation rate

ADVANTAGES

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- Thin sheet to a thickness of 15/10 can be worked with the FORM EV, even if the plates have a galvanoplastic or electrolytic coating.
Moreover the FORM EV's do not affect non-ferrous metals such as copper, aluminum or zinc.
- FORM EV oils are not toxic and have not the disadvantages of water-based products such as emulsions and solutions. It causes no harm due to microorganisms or corrosion.
- Although the FORM EV oils contain extreme pressure additives, there is no risk for post-processing such as painting or welding.
- Degreasing is not necessary: The small amount of dry extract in the FORM EV oils leaves an imperceptible and invisible film and ensures an excellent protection against corrosion.
- FORM EV have the advantages over the conventional deep drawing oils that it keeps the parts clean after treatment. FORM EV is not affective to dust from the workplace.

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

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PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Density at 15 °C	kg/l	ASTM D4052	0,788
Kinematic viscosity at 40°C	mm ² /s.	ASTM D445	1,6
Flash point (COC)	°C	ASTM D 92	79
Copper corrosion	-	ASTM D 130	1a

The average values are given for information only.