

FICHA TÉCNICA

METALKLINER

MK-VAPOL ECO 25 (en)

Nano-lubricant for cutting and deep drawing

DESCRIPCIÓN

MK-VAPOL ECO 25 has excellent properties: very high polarity, viscosity higher than that of a classic vanishing agent, and exceptional surfactant and covering power which allow the presence of a guaranteed lubricating film in an elastohydrodynamic regime.
Its excellent greasiness guarantees a sufficient sliding capacity when a mixed or limit lubrication regime is reached.
MK-VAPOL ECO 25 favors the reduction of the coefficient of friction when drawing and cutting without reinforced additives, unlike classic evanescent lubricants. MK-VAPOL ECO 25 improves the general level of fluid performance:

-Extension of tool life.
-Increased productivity
-Improvement of the surface appearance of the parts

MK-VAPOL ECO 25 is non-irritating and non-sensitizing. Moreover, it does not contain any explosive, oxidizing, flammable, or environmentally hazardous substances.
MK-VAPOL ECO 25 is compatible with all materials, metals, plastics, elastomers, and rubbers.
It leaves a residual film that does not carbonize (residual black traces) on contact with a flame and allows welding.
It is also 100% compatible with alkaline degreasing according to the RNUR test method.

The degradation is total, without stains and residue with any applied metal.

CAMPOS DE APLICACIÓN

MK-VAPOL ECO 25 has been developed for the deformation of steels, coated steels, stainless steels, aluminium, cuprous metals and their alloys in thin sheets up to a thickness of 10/10°. MK-VAPOL ECO 25 is used for cutting, drilling, punching, arching, drawing, bending, rolling and profiling of all types of metals, especially for medium and low profiles. MK-VAPOL ECO 25 also provides excellent results in sizing operations. Calibrating operations. It is also recommended for the production of heat exchanger fins and for the expansion of copper tubes. In many cases, MK-VAPOL ECO 25 can advantageously replace low-viscosity full oils.

KLINER PROFESIONAL

Tel. 945 29 20 10 • info@klinerprofesional.com

Empresa certificada según ISO 9001, ISO 14001 e ISO 45001 por LRQA

MÉTODOS E INSTRUCCIONES DE USO

MK-VAPOL ECO 25 is applied by low-pressure spraying, by drop-by-drop, by transfer felt and by soaking impregnation with roll centrifugation.
For the storage of the parts, a degreasing and subsequent treatment with antirust fluid must be done.

PROPIEDADES FÍSICO-QUÍMICAS

Colour: Slightly yellowish
Olour: Characteristic
Density: 0,870-0,880 g/ml
Flash point: >90°C

MODALIDAD DE SUMINISTRO

Envases: 25 y 220 litros
Contenedor: 1000 litros

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