

DRAWTEX MKU-130

HIGH PERFORMANCE OIL for Massive COLD FORMING

PRODUCT DESCRIPTION

DRAWTEX MKU-130 is a heavy metal-free, mineral oil-containing drawing oil used for medium and difficult Massive Cold Forming processes without the need for phosphating and soap baths.

DRAWTEX MKU-130 is formulated with high additive technology. It provides excellent forming operation by minimizing friction. It is a chlorine-free, fluor-free, and VOC-free high performance product.

APPLICATION / USAGE

DRAWTEX MKU-130 is especially developed for medium and difficult Massive Cold Forming processes WITHOUT the need for phosphating and soap baths. DRAWTEX MKU-130 enables the forming of workpieces with narrow tolerances and superior surface quality.

DRAWTEX MKU-130 enables the cold forming of workpieces with moderate forming ratios and low wall thickness.

DRAWTEX MKU-130 is not compatible with nonferrous materials such as copper, brass and bronze.

The product should be applied by dipping in a tank at room temperature. No waiting time or readjustment of a component is necessary.

The storage tank should be stainless steel or epoxy coated. For the supply of the product, a diaphragm type pump should be used with stainless steel tubing if necessary. Sealing material should be Viton, PE, PP and HNBR.

ADVANTAGES / BENEFITS

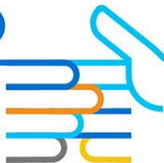
- Provide superior surface quality due to its excellent lubrication ability and special additives
- It eliminates all installations used for phosphating and soaping. By using cold rolled steel as starting material, it is possible to work without pickling. Higher performance due to efficient reduction of wear
- No need for waiting after applying the product and reduced number of tanks and baths for phosphates activation and passivation thus increase production capacity
- The remaining lubricating film layer on the material surface ensures indoor rust protection up to 7-15 days
- It allows the production of thin-walled parts with moderate forming ratios, that cannot be obtained by hot forming methods
- Provide long life and perfect equipment protection
- It does not require any additional additives, heating or readjusting, so it provides a much safer process

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature should be between +5 and +40°C.

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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TECHNICAL PROPERTIES	TEST VALUES	TEST METHOD
Appearance	Dark Brown, Clear	-
Density (20°C, g/mL)	0,939	ASTM D 4052
Kinematic Viscosity (40°C, cSt)	60,0	ASTM D 445
TAN (mgKOH/g)	55,7	ASTM D 974
Flash Point	>160	ASTM D 92
Copper Corrosion (3 hours, 100°C)	4b	ASTM D 130

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