

CUTTEX FEL SERIES

MULTI-PURPOSE ELECTRO-EROSION FLUIDS

PRODUCT DESCRIPTION

They are clear, odorless, low viscosity dielectric electro-erosion fluid with extremely efficient combination of base oil and special additives. They have a low aromatic content ratio. They are especially produced for electro erosion machines.

APPLICATION / USAGE

CUTTEX FEL ULTRA is used in medium metal removal operations and electro-erosion machine that work with the immersion method and grinding operations.

CUTTEX FEL EXTRA is used as a dielectric fluid in thin metal removal operations and electro-erosion machine that work with the immersion method. It is also used in grinding operations that is needed very low viscosity oils.

ADVANTAGES / BENEFITS

- Due to their colorlessness, perform very well in operations without any problems,
- Make insulation between machine tool and worked piece,
- Reduce the risk of fire due to high flash point and provide a safe working environment,
- They are harmless products and have not irritant

effect on skin at normal usage conditions,

- Reduce evaporation losses due to containing antimist additives,
- Filtrated very easily,
- Provide minimum electrode wearing,
- Have a high resistance to oxidation, which gives a long operating life,
- Have good corrosion protection property and doesn't any harm the machine, O-rings, or sealing materials,
- Provide regular insulation, high surface quality and dimensional accuracy in fine metal removal operations.

STORAGE

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

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

| TECHNICAL PROPERTIES | TYPICAL VALUES | | TEST METHOD |
|---------------------------------|------------------|------------------|-------------|
| | CUTTEX FEL ULTRA | CUTTEX FEL EXTRA | |
| Color | 0 | 0 | ASTM D 1500 |
| Odor | Odorless | Odorless | - |
| Kinematic Viscosity (40°C, cSt) | 1,8-2,4 | 1,8-2,4 | ASTM D 445 |
| Flash Point (°C) | 105 | 100 | ASTM D 92 |

"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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