

METAL WORK EDO L

High-Grade Electric Discharge Machining Oil

METAL WORK EDO L is a specialized electric discharge machining oil formulated with saturated hydrocarbons which aromatic content is reduced to less than 1%. To ensure machining performance, safety and workability, electric discharge machining oils typically need to have various characteristics, including low viscosity, high flash point, low odor, low skin irritancy, and high oxidation stability. **METAL WORK EDO L** meets these requirements, making it an outstanding choice for electric discharge machining.

● SPECIAL FEATURES

1. Outstanding Machining Performance

METAL WORK EDO L has the ideal viscosity for all types of electric discharge machining, including precision microfabrication, high-speed rough machining, through-hole machining, and bottom shape machining.

2. High Safety

METAL WORK EDO L has a high flash point, making it less dangerous to handle and safer to use compared to kerosene.

3. Excellent Workability

METAL WORK EDO L contains less than 1% aromatic compounds, significantly reducing odor and skin irritation. This leads to an improved work environment.

4. Excellent Oxidation Stability for Long-Term Use

METAL WORK EDO L is formulated with highly refined saturated hydrocarbon base oil, providing superior stability against oxidation and heat. This reduces odor and skin irritation associated with degradation, allowing for extended use.

● CONTAINERS

200-liter drum and 20-liter pail can

● TYPICAL PROPERTIES OF METAL WORK EDO L


| | | |
|----------------------------|--------------------|--------------------|
| Appearance | | Transparent liquid |
| Color (Saybolt) | | $\geq +30$ |
| Density (15°C) | g/cm ³ | 0.797 |
| Kinematic viscosity (40°C) | mm ² /s | 1.70 |
| Flash point (PM) | °C | 86 |
| Distillation | | |
| Initial Boiling Point | °C | 211 |
| End Point | °C | 242 |

Note: The typical properties are subject to change without notice (May 2024)



Handling Precautions

▼ Follow these precautions when handling this product.

| | |
|---|---|
| Composition : | Highly refined mineral oil |
| Hazard pictograms: |  |
| Signal word: | Danger |
| Hazard Statement: | Combustible liquid May be fatal if swallowed and enters airways |
| Precautionary Statements: Prevention | <ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product. |
| Response | <ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER/doctor.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.• Do NOT induce vomiting. |
| Storage | <ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.• Store in a well ventilated place.• Store locked up. |
| Disposal | <ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage. |