

METAL WORK EDO L

High-Grade Electric Discharge Machining Oil

METAL WORK EDO L is an electric discharge machining oil blended from saturated hydrocarbon which aromatic content is reduced to less than 1%. Electric discharge machining oil is usually required to have various characteristics such as low viscosity, high flash point, odor-free nature, low skin irritancy and high oxidation stability in order to improve safety, workability and handling. **METAL WORK EDO L** is the excellent electric discharge machining oil to satisfy such rigid requirements.

● Special Features

1. Outstanding Machining Performance

METAL WORK EDO L has the ideal viscosity for high-precision machining, high-speed rough machining, penetration, bottom work and all other types of electric discharge machining.

2. Superb Safety

METAL WORK EDO L, due to its high flash point, is less dangerous during handling and can be used more safely than kerosene.

3. Improvement of work environment

METAL WORK EDO L is the hydrocarbon oil which contains aromatics to less than 1%. Because of low odor and low skin irritancy due to low aromatic content, the work environment will be improved.

4. Excellent Oxidation Stability for Long-Term Use

METAL WORK EDO L, which is formulated with highly refined saturated mineral oil can be used for long periods of time due to its superior oxidation and heat stability.

● Applications

All types of electric discharge machining, including the machining of molds for automobiles, aircraft and telecommunication equipment and the machining of precision parts for electronics and nuclear power application

● Containers

200 liter drums, 20-liter pail cans

● Typical properties of METAL WORK EDO L

| | | |
|---------------------------|--------------------|--------------------|
| Appearance | | Transparent liquid |
| Color(Saybolt) | | +30 |
| Density | | 0.790 |
| Kinematic viscosity(40°C) | mm ² /s | 1.7 |
| Flash point(PM) | °C | 75 |
| Pour point | °C | -42.5 |
| Acid number | mgKOH/g | 0.00 |
| Distillation | | |
| Initial Boiling Point | °C | 210 |
| End Point | °C | 240 |

Note: The typical properties are subject to change without notice (January 2011)



Handling Precautions

▼ Follow these precautions when handling this product.

| | |
|----------------------------------|--|
| Composition : | Highly refined mineral oil |
| Precautionary 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/sparks/open flames/hot surfaces – No smoking.• Use explosion-proof electrical/ventilating/lighting/equipment.• Ground/bond container and receiving equipment.• 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 or doctor/physician.• 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.• In case of fire: Use suitable extinguishing media for extinction. |
| 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 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. |