

METAL WORK EDO-X

High Speed Electric Discharge Machining Oil

METAL WORK EDO-X is a high-speed electric discharge machining oil formulated by adding a machining performance enhancer to a highly refined saturated hydrocarbon base oil. In addition to the oxidation and thermal stability required for electric discharge machining oils, **METAL WORK EDO-X** also considers the working environment by offering low odor and low skin irritancy, enabling high-accuracy and high-efficiency machining.

● SPECIAL FEATURES

1. Excellent Machining Performance

METAL WORK EDO-X is formulated with a machining performance enhancer to improve machining efficiency and accuracy across a wide range of machining operations, from roughing to finishing. As a result, it offers superior productivity and machining accuracy compared to commercially available additive-free machining oils.

2. Improvement of the Work Environment

METAL WORK EDO-X is formulated with a highly refined hydrocarbon base oil that has low odor and cause less skin irritation, along with antioxidants to improve oxidation and thermal stability. This formulation reduces the stickiness and discoloration problems often found in high-speed machining oils, thereby improving the work environment.

3. Applicable to a Wide Range of Machining

METAL WORK EDO-X has the proper viscosity for electric discharge machining oil, making it suitable for a wide range of machining such as precision microfabrication, deep machining, high-speed roughing, through-hole machining, and bottom shape machining.

● CONTAINERS

200-liter drum and 20-liter pail can

● TYPICAL PROPERTIES OF METAL WORK EDO-X


Appearance		Transparent liquid
Color (ASTM)		L0.5
Density (15°C)	g/cm ³	0.796
Kinematic viscosity (40°C)	mm ² /s	2.54
Flash point (PM)	°C	80
Pour point	°C	-45.0

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



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Hazard pictograms:	
Signal word:	Danger
Hazard Statement:	Combustible liquid May be fatal if swallowed and enters airways Harmful to aquatic life Harmful to aquatic life with long lasting effects
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.• Avoid release to the environment.• 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.