

METAL WORK S

Prime Grade Synthetic Electric Discharge Machining Oil

METAL WORK S is a highly refined synthetic hydrocarbon oil. **METAL WORK S** demonstrates superior performances as electric discharge machining oil such as good workability, high oxidation stability, scentless property, low skin irritancy and low risk of fire.

● Special Features

1. **METAL WORK S** can be used for every electro-discharge machining because of proper viscosity. It has low risk of fire in the handling due to relatively high flash point.

2. **METAL WORK S** indicates higher oxidation stability and less color change compared with mineral oil. It can be used for longer period without degradation.

3. **METAL WORK S** has good work characteristics by the unscented nature and low skin irritancy because of synthetic oil with extremely low level of sulfur and aromatic hydrocarbons content.

● Containers

200 liter drums & 20liter cans

● Typical properties of METAL WORK S

Appearance		Transparent liquid
Color(Saybolt)		$\geq +30$
Density		0.789
Kinematic viscosity(40°C)	mm ² /s	2.6
Flash point(PM)	°C	80
Pour point	°C	≤ -60
Acid number	mgKOH/g	0.00
Distillation		
Initial Boiling Point	°C	208
End Point	°C	254

Note: The typical properties are subject to change without notice.


● Recommendation from manufacturers

METAL WORK S is recommended by Hitachi Via Mechanics Ltd., Kuroda Precision Industries Ltd., Makino Milling Machine Co. Ltd. and Seibu Electric & Machinery Co. Ltd.



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Iso Paraffins
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.