



DH ELECTRIC SPARK OIL

1. Introduction

DH ELECTRIC SPARK OIL is a highly refined low viscosity hydrocarbon base oil which has excellent cooling and oxidation stability.

Especially, this EDM(Electro Discharge Machine) Oil has high flash point, colorless, odorless and excellent cooling ability.

2. Characteristics

- (1) Cooling and wet property is excellent and productivity is improved by suppressing heat generation during processing.
- (2) Insulation and chip separability are excellent and workability is improved.
- (3) Using highly refined Base oil
 - It suppresses the occurrence of dermatitis and provides a comfortable work environment with less scattering and odor.
 - It has excellent oxidation stability and less deterioration so be used for long time stably.
 - The risk of fire is reduced due to high flash point.
- (4) The appearance is transparent and visibility is good.
- (5) It is less corrosive to iron and non-ferrous metals.

3. Typical Property

(1) Specific Gravity (15/4 °C)	0.80
(2) Kinematic viscosity (40 °C, mm ² /s)	3.0
(3) Color(ASTM)	L0.5
(4) Appearance	Transparent
(5) Flash point(COC; °C)	126
(6) Copper corrosion test (100 °C/1hr)	1a

4. Application

It is applied to EDM(Electric Discharge Machining) of alloy steel and cemented carbide.

5. Directions for Use

- (1) Applicable Concentration: Crude oil
- (2) Remove sludge and chip, etc. inside tank to prevent them from excessive accumulation.
- (3) For problems of the used fluid, request the analysis of fluid.
- (4) Keep it inside indoor place where the temperature is hardly changed and out of direct rays of the sun. In case it should be kept outdoors, take proper measures to avoid the direct rays of the sun.

6. Period of Circulation

12 months from the date of manufacture (in case of storage with it sealed)

7. Others

- (1) Be sure to observe the contents of MSDS (Material Safety Data Sheet) supplied by our company.
- (2) In order to prevent accident caused by this product, observe the applicable laws such as Dangerous Articles Management Law, Production Liability Law, Industrial Safety and Health Law, etc.
- (3) The above data is applied only to general management. For special management, be sure to additionally verify the application and the method.
- (4) For additional information, contact to dongho@dhchem.co.kr.

8. Packing

DH ELECTRIC SPARK OIL is provided with it packing in 200ℓ drum or 20ℓ pail.