

DNR SPARK SPO-'A'

Long Life EDM Oil

Application

DNR Spark SPO-A is a high quality, low viscosity dielectric fluid designed to perform flawlessly over a broad range of metal removal rates.

The low viscosity of **DNR Spark SPO-A** provides uniform cooling of both electrode and workpiece while allowing rapid settling of the metal particles. It works as an insulator but deionizes quickly, at applied potentials, to conduct the spark discharge.

DNR Spark SPO-A is a dielectric fluid for general purpose mold and die work where good flushing, close tolerances and optimum rates of metal removal are important. It widely out-performed the common EDM fluids more than tenfold in oxidation stability characteristics, sludge formation and service life.

Data (typical values)

Viscosity @ 40°C 2-3 CST

Specific Gravity @ 60°F 0.77

Flash Point 108°C

Aniline 99.99

Odour NIL

Colour (Saybolt) + 30

Advantages

- ◆ Desirable dielectric properties along with low electrical conductivity.
- ◆ Good heat transfer properties for proper quenching of melted metal.
- ◆ Low viscosity for uniform cooling and optimal flushing and separation.
- ◆ Low volatility reduces excessive topping-up.
- ◆ Low level of fuming; no unpleasant odors.
- ◆ Outperforms common EDM fluids more than tenfold in oxidation stability, sludge formation, and service life.



*SPO-'A' Oils
are fast setting for
Simplified purification*

Refer to the MSDS for proper handling and disposal. Additional advice can be obtained from DNR representative.

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