

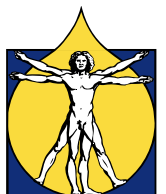
IonoPlus[®] IME-MH

Dielectric



**A tough nut
for copycats...!**

Human Technology
for man, environment
and machines



HUTECH

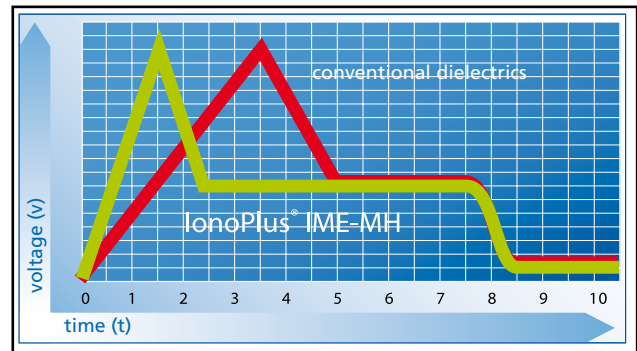
Powerful advantages for spark erosion:

The first dielectric with the plus of satellite electrodes

After many years of research oelheld introduces an entirely new, powerful concept into dielectrics: **IonoPlus® IME MH**. Unlike conventional mineral oil products, this combination of highly refined synthetic products is enriched with satellite electrodes in a special blending process. As a truly universal dielectric, **IonoPlus® IME MH** is suited for all operations from the finest finishing processes to the most effective rough cut. Besides having the best possible effectiveness in flushing and the greatest possible disruptive strength, it offers a whole series of unique advantages.

IonoPlus® IME MH dielectric has been thoroughly tested by the Institute for Research and Control of Work Materials in Baden-Württemberg/Germany in respect to operational safety and industrial hygiene.

Technical Data:		
Colour fluorescent green		
Density at 15° C (g/cm ³)	0,79	DIN 51757
Viscosity at		
+40° C (mm ² /s)	2,50	DIN 51562
Pourpoint ° C	-15	DIN ISO 3016
Flashpoint ° C	107	DIN EN 22719
Aromatic content (weight%)	0,01	DIN 51378



Toxic or allergic symptoms cannot occur during use. A tolerance limit in the air surrounding the place of work (MAK value) is not reached.

IonoPlus® IME MH dielectric can be used in all conventional filter plants. The regulations for flammable liquids (VbF) do not apply to **IonoPlus® IME MH**.

- Greater efficiency in metal removal**
 The time needed to build an ionization bridge is substantially reduced.
- Greater resistance to electrode wear**
 Macromolecules surround the electrode like a protective grid.
- Improved surface quality**
 Satellite electrodes bring about an optimal distribution of discharges.
- Shining results in the polishing process**
 Within a minimum amount of time a surface roughness of less than 0.1µ can be achieved.
- Best possible dispersing capacity**
 wift dispersion of waste particles helps actively to prevent burn spots from forming.