

IonoPlus® 3000

Dielectric



**Improved power
in save hands.**



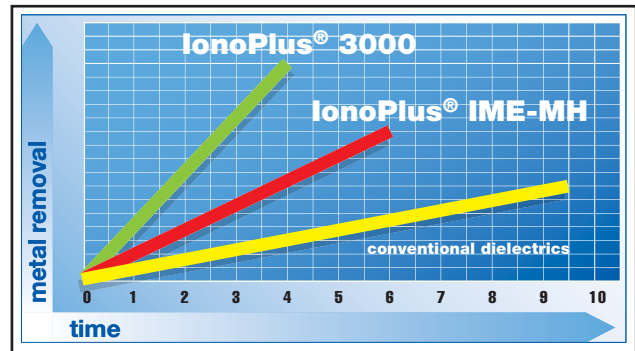
The New Dimension in Spark Erosion

IonoPlus® 3000 is a further refinement of the successful dielectric 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.

If you have already achieved powerful results with that dielectric, enhance your productivity still further and cut costs with the new **IonoPlus® 3000**. Performance booster and power additives make for even greater efficiency.

As a truly universal dielectric, **IonoPlus® 3000** 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. Boost productivity and cut costs at the same time!

IonoPlus® 3000 has been thoroughly tested by the Institute for Research and Control of Work Materials in Baden-Württemberg /Germany with respect to



operational safety and industrial hygiene. Its use cannot cause any toxic or allergic reactions. No critical tolerances are reached in the atmosphere surrounding the workplace.

IonoPlus® 3000 can be used in all conventional filter plants with the exception of mineral bed filters.

The restrictions for flammable liquids do not apply to **IonoPlus® 3000**.

Technical Data:	
Colour	fluorescent green
Density at 15° C (g/cm³)	0,79 DIN 51757
Viscosity at	
+20° C (mm²/s)	3,80 DIN 51562
+40° C (mm²/s)	2,50 DIN 51562
Pourpoint ° C	-15 DIN ISO 3016
Flashpoint ° C	107 DIN EN ISO 2719
Aromatic content (weight %)	<0,01 DIN 51378

• Greater efficiency in metal removal

... as the time needed to build an ionization bridge is substantially reduced.

• Less wear

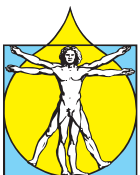
... as macromolecules surround the electrode like a protective grid.

• More lustrous results in the polishing process

... as a surface roughness of less than 0.1µ can be achieved in the shortest possible time.

• Best possible dispersing quality

... waste particles are finely dispersed, shorting and arcing are virtually excluded and secondary erosion is reduced.



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