



**MWI**

Carbon & Graphite Solutions

## IonoPlus 3000-US Synthetic Dielectric Fluid

IonoPlus 3000-US is a high performance dielectric fluid made with a blend of high-purity synthetic products and enriched with satellite electrodes. This patented formula includes discharge-intensifying and wear-reducing additives, along with ageing inhibitors.

IonoPlus provide effective flushing and excellent disruptive strength.

IonoPlus has been tested to confirm no operational health hazards or allergic symptom concerns.

### Product Features

- Up to 20% higher removal rate
- Reduction of electrode wear
- Better surface finish
- Brilliant polishing results
- Long service life of the dielectric
- Good filterability
- Low in aromatics

### Contact Us

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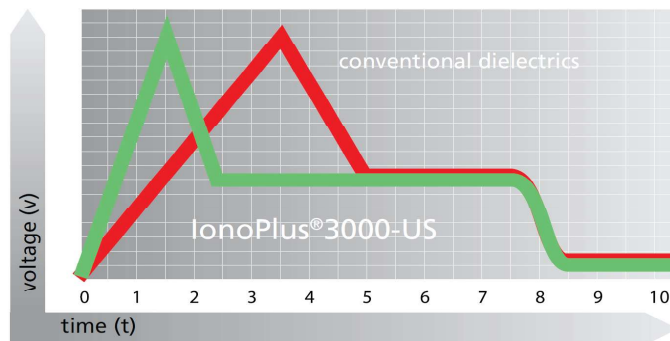


After many years of research, Oelheld introduces an entirely new, powerful concept in dielectrics: IonoPlus® 3000-US. Unlike conventional mineral oil products, this combination of highly refined synthetic products is enriched with satellite electrodes in a special blending process. As a truly universal dielectric, IonoPlus® 3000-US 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® 3000-US 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. 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® 3000-US dielectric can be used in all conventional filter plants. The regulations for flammable liquids (VbF) do not apply to IonoPlus® 3000-US.

## Technical Facts

	Data	Testing Method
Color	Green	
Density at +15°C (g/cm <sup>3</sup> )	0,79	ASTM D 7042
Kin. Viscosity at +40 °C (mm <sup>2</sup> /s)	2,5	ASTM D 7042
Pourpoint (°C)	-15	DIN EN 2719
Flashpoint (°C)	107	DIN EN ISO 2719
Aromatic Content (weight%)	<0,01	DIN 51378



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