

## IME series

### Dielectric for EDM die-sinking machines

The dielectrics of the IME series have been tested in extensive trials and have proven to be effective in practice for decades. The series is explicitly recommended by leading manufacturers of electrical discharge machines. IME dielectrics have the highest dielectric strength, are clear and almost odorless. Their color does not change during erosion. They reach the purity level of pharmaceutical white oils and are practically free of aromatic compounds. Whether in rough cut applications or for use in fine operations, the dielectric must meet the specific requirements of each application. The high-performance dielectrics for use in electrical discharge machining are manufactured on a synthetic basis and are therefore particularly resistant to ageing.

#### Your advantages:

- High degree of metal removal performance
- Good surface quality
- Transparent/clear
- Odorless
- Long service life of the dielectric
- Very good cooling and flushing properties

#### The following product versions are available:

Product name	Density at +15°C (g/cm <sup>3</sup> )	Viscosity at + 40°C (mm <sup>2</sup> /s)	Flashpoint (°C)	Application
IME 56	0,77	1,3	56	EDM machining for finest applications and EDM drilling
IME 63	0,77	1,3	63	EDM machining in finest application with the smallest spark gap
IME 82	0,77	2,0	82	EDM machining in fine finishing and rough cut applications
IME 110	0,78	2,5	110	EDM machining in fine finishing and rough cut applications
IME 126	0,82	3,6	114	EDM machining in rough cut applications with optimal flushing conditions