

## SÄKAPHEN® SAEKA-Cleaning Paste 83.750 for Cast Resin Insulators

### Product description:

The SÄKAPHEN® SAEKA-Cleaning Paste 83.750 for Cast Resin Insulators was customer specifically developed, tested and put into daily use for a large German energy and maintenance company. The formulation is designed for the cleaning of plastic insulators taking into account the experience of SÄKAPHEN as manufacturer of environmentally friendly and skin-friendly cleaning systems for high-voltage insulators. SAEKA-Cleaning Paste 83.750 is also suitable for cleaning silicone insulators.

High Voltage Insulators when treated with SAEKA-Cleaning Paste 83.750 emit 35vK at the point of partial discharge compared to 32vK when using common cleaners. This increase in voltage discharge proves the unrivalled efficiency of the cleaning, sealing and protection provided by SAEKA-Cleaning Paste 83.750 in solid numbers. This is further proven by a reduced loss factor of  $\tan(\delta) = 0.2\%$  after the cleaning of high voltage insulators with SAEKA-Cleaning Paste 83.750.

SAEKA-Cleaning Paste 83.750 is solvent free, dermatologically tested and contains physiologically safe abrasives, oils and greases. The product is non-hazardous, no special equipment or extensive Personal Protection Equipment (PPE) is needed during the application process.

Filling weight: 750 g

### Fields of application:

SAEKA-Cleaning Paste 83.750 for Cast Resin Insulators prevents deposits of dust and continuous water films on cast resin and plastic as well as silicone insulators and thus protects against flash-overs. The SAEKA-Cleaning Paste extends maintenance cycles and reduces downtime. The product is suitable for cleaning and sealing surfaces in one go. Simply apply with a rag and wipe briefly. In areas of high humidity or heavy air pollution, additional protection with SAEKA-Silicone Grease 81.750 is recommended.

### Practical testing:

Test	Point of partial discharge in kV (Säkaphen)	Loss factor in % (Säkaphen)	Point of partial discharge in kV (other cleaners)	Loss factor in % (other cleaners)
1-1	35	0,190	32	0,350
1-2	37	0,210	33	0,380
1-3	33	0,200	31	0,320
Mean	35	0,200	32	0,350