Product Specification Report

Rev. May 14

Special colourless silicone lubricant for electric applications with a dielectric strength of 20 kV/mm.

PROLUBE ELECTRIC

Dielectric lubricant

PROPERTIES:

Excellent mechanical properties	Apart from optimal water repellency and resistance to oxidation, it is distinguished by excellent adhesion. These features make possible the creation of more durable lubricating films, with higher resistance to the wash out effects of water
Protective effects	Protects all electric components from the detrimental effects of salt, dirt and corrosion
Usage in the electrical industry	Due to the high dielectric resistance, it is used on connectors or electric sockets to prevent wear of the components. It thus increases their service life and reduces the probability of failures or short-circuits

AREAS OF APPLICATION:

Electric distribution boards, switches, AC/DC connectors, battery poles, light-bulb indicators, applications in the area of lighting technology, automotive industry, switching connectors, cable connectors.

ACTIVE INGREDIENTS:

✓ Lubricating grease on dimethylpolysiloxane base

SAFETY WARNINGS:

Not recommended for use on roller bearings. More detailed information is in the safety data sheet.

COMPATIBILITY:

All metal surfaces and all materials, which are non-sensitive to contact with silicone oils.

APPLICATION:

Thoroughly clean the surface on which the product shall be applied. PROLUBE ELECTRIC may be applied using a brush or suitable tool of the Zep series.

SPECIFICATIONS:

Chemical and physical properties	Method	Values
State		Gel
Colour		Transparent, colourless
Odour		Characteristic
Density at 20°C	ASTM D 1298	< 1 kg/dm^3
Solubility in water		Insoluble
Base medium		Fine silicone oil on dimethylpolysiloxane base
Viscosity of base oil at 40°C	ASTM D 445	500 cSt
Penetration in standard operating conditions (60 double impacts mm/10)	ASTM D 217	220 - 250
NLGI		3
Operating temperature		- 40°C ÷200°C
Dielectric strength of the base oil		20 kV/mm

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