



<AZ-S30>

<Capacitor Insulation Oil>

DESCRIPTION

LOFGE AZ-S30 is synthetic impregnation oil. Has a low viscosity, resistance high pressure, anti-aging, than the dispersion high, good gas and dielectric properties characteristics and wide temperature range, better security and reliability. It is an excellent impregnating oil, mainly for power capacitor dipping oil.

APPLICATION

- ★LOFGE AZ-S30 compared with the same kind type capacitor of used other impregnation oil, It can raise single capacity 4~5 times, greatly improving the ratio characteristics.
- ★Fit in filled oil of transformer and pressure signal transmission medium of multifarious pressure transmitter.
- ★Used as insulation, lubrication, damping, quakeproof moisture-proof, dustproof and high temperature hydraulic oil and high temperature heat carrier.

FEATURE

- Excellent electrical insulation, anti-ozone, anti-corona properties, hydrophobic moisture resistant.
- Viscosity-temperature coefficient small, small surface tension, resistant-shear, high-compression advantages.
- High temperature resistant, anti-radiation, lubricating and solubility properties, it shows a ability of absorbent UV.
- Working temperature: -50°C~250°C.

USE OF ATTENTION

- Stored in clean, sealed containers to avoid contact with acid-alkali and mixing with other impurities, not to contact fire.
- Not mixed with other oil kinds and silicone oil.

TYPICAL SPECIFICATION

LOFGE	UNITS	AZ-S30
Appearance	-	No mechanical impurities and sediments, transparent colorless or pale yellow liquid
(25°C) Density	kg/cm ³	1.01~1.08
(25°C) Viscosity	mm ² /s	25~40
Flash Point	°C	≥270
Pour Point	°C	≤-40
Refraction (25°C)	-	1.470~1.485
(50Hz, 100°C) Dielectric Loss Angle Tangent Value	-	≤8x10 ⁻³
(25°C, 50Hz) Permittivity	F/m	≥2.7
Breakdown Voltage Strength	KV	≥50

The typical specification mentioned represent mean values.