

# R-Temp<sup>®</sup> Fluid Advantages

## Health and Environment:

- Non-toxic fluid.
- Low toxicity degradation products (tested by EPA and EPRI).
- Not listed by any federal or state agency as a hazardous waste.
- Tested non-mutagenic - classified non-carcinogenic.
- Does not persist in environment. Is biodegradable (silicone is not).
- No transportation restrictions.
- Easiest to dispose - simple to reprocess.

## Performance and Safety:

- Superior dielectric properties - highest application to date: 115 kV, 550 kV BIL.
- Flawless field history - both electrical performance and fire safety.
- Arc Quenching Properties allow use in loadbreak devices.
- Greatest application versatility: pole type, pad type, unit substation, submersible, medium power transformers, modulators, voltage regulators, on-load tap changers, sectionalizing switches, commercial magnets, rectifiers, precipitators, etc.
- Excellent stability - no evidence of sludge or unusual property values in the oldest transformers sampled in the field performance study. Results exceed typical conventional transformer oil performance.
- Over 50 million liters in service.
- Greatest NEC<sup>®</sup> 450-23 compliance versatility using Factory Mutual Approval or exclusive expanded UL Classification.

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