

ENVIRONMENTALLY FRIENDLY FLUIDS

ETEL's vegetable oil filled transformers are ideal for areas such as nature reserves or next to water courses.

Our vegetable oil fluids are non-toxic and non-hazardous to water and soil. Even if a leak occurs the fluid is readily biodegradable.

Transformers filled with these fluids can be placed closer together in accordance with substations standard AS2067 because of the better fire-safety performance, resulting in a smaller footprint.

There is minimal difference in the life cycle management of these fluids. The same test methods are applicable, but with different limits.

Our environmentally friendly fluid filled transformers are manufactured in accordance to ISO9001, using the same processes that we use across our complete product range.

TECHNICAL SPECIFICATIONS

- very safe due to high fire point, 330°C, compared to mineral oil, 180°C
- readily biodegradable, non-toxic, carbon neutral fluids.
- many standards available to assist with condition monitoring.
- transformers are compliant with AS/ NZ60076-2 and IEC 60076-14 using high temperature insulation.
- K class fluid compliant with AS2067 for substations and fire safety.
- fluids compliant with IEC 62770:2013.

ETEL AND THE ENVIRONMENT

ETEL Limited is New Zealand's largest transformer manufacturing company, specialising in the design and manufacture of distribution transformers.

With a six plant manufacturing facility in Auckland, operational facilities in Melbourne and Perth, and a manufacturing plant in Jakarta, ETEL is able to produce a full range of distribution transformers, from a capacity of 15kVA up to 4.5MVA in size, for electricity supply networks, industrial sites and mining projects.

ETEL has in place a complete quality system, which complies with and is certified to ISO9001:2015 and an occupational health and safety management system which is certified to ISO14005. Our sustainably orientated mindset has been strengthened by our recent commitment to achieve ISO14001 certification for environmental management.

ETEL's new vision is inherently focused on how we interact with our people and our community. As a manufacturing business and an integral part

of the New Zealand electrical industry we have a responsibility to ensure our business processes consider all stakeholders, including our future generations.

Achieving our ISO14001 accreditation will ensure that we are operating in a way which is both environmentally responsible to our customers and community and allows our workers to know they are part of a business doing its part to protect our future.

Work has already been completed to identify gaps and improvement opportunities at our Rosebank Road site. There is a bit of work to do but ETEL is confident we have the resources and expertise in place to achieve ISO14001 and remain an environmentally responsible supplier.

ETEL are committed to the innovation of distribution transformers designed to meet the individual requirements and vision of its customers. Many of our designs are compatible with vegetable oil fluids, providing environmentally friendly options.



Quality
ISO 9001



Health &
Safety
ISO 45001

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As we are continuously working to improve our products and designs, the content in this publication is subject to change without notice. Please contact us if you have any questions or to access the latest information.
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