

**CERTIFIED ENVIRONMENTAL TECHNOLOGY
TECHNOLOGY TRANSFER ADVISORY**

BIOTEMP[®] Insulating Dielectric Fluid

Issued To:

ABB Inc.
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Contact:

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Certification No:

02-01-038

Effective Date:

August 11, 2002

Expiration Date:

August 11, 2005

DTSC Contact:

Technology Development Branch
(916) 322-3670

Technology Description:

ABB Inc. has developed a dielectric insulating fluid called BIOTEMP[®] which is comprised of >98.5% vegetable oil and <1.5% antioxidants. BIOTEMP[®] is used in liquid-filled electrical transformers to act as an electrical insulating medium, and to transport heat generated in the transformer around the windings, core and connected circuits to cooling surfaces. BIOTEMP[®] is currently used in pole-mounted, distribution, network, and small power transformers with a voltage rating \leq 69 kV and a maximum kVA rating of 20 MVA. Approximately 250 transformers supplied with BIOTEMP[®] fluid are presently in-service.

A copy of the published Certification Statement may be obtained by contacting the Department of Toxic Substances Control at (916) 322-3670 or on the Internet at http://www.dtsc.ca.gov/database/TechCert/company_index.cfm.

Revision January 31, 2003