



THRIVE™ ECO Lubricants XFo Transformer Oil Renewable Dielectric Fluid

Description

THRIVE™ Eco XFo Transformer Oil is a high performance, renewable dielectric fluid. It is ideally suited as a true drop-in replacement for petroleum products, exceeding ASTM D3487 Type II and IEC 60296 specifications.

THRIVE™ Eco XFo Transformer Oil is the first renewable and biodegradable dielectric fluid that is a pure hydrocarbon. It is an inhibited graded, specifically engineered to deliver maximum resistance to oil degradation for prolonged high performance operation.

THRIVE™ Eco XFo Transformer Oil contains a high viscosity index and dielectric strength that allows product use over a wide temperature range and under heavy electric stress. It provides outstanding oxidation stability and high temperature properties to deliver extended transformer life and reduce maintenance.

Typical Properties

Properties	THRIVE XFo
Product Number	501
Aniline Point, °C	113.4
Flash Point, min, °C	178
Interfacial tension @ 25°C	45
Pour Point, max, °C	-57
Relative Density, 60/60	.818
Viscosity, cSt @ 40°C	11.7
Viscosity, cSt @ 100°C	3.0
Dielectric Breakdown, kV, 30 min	49
Gassing Tendency, max	-2.0
Dissipation Factor, 60 Hz max, 25°C	.001
Copper Corrosion	1A
Color	L 0.5

Features/Benefits

- ✓ **Meets ASTM D3487 Type II & IEC 60296 Specifications**
Rigorous assurance of physical, electrical, and chemical properties and performance.
- ✓ **Excellent Heat Transfer Characteristics**
Heat is easily removed from core and windings.
- ✓ **Outstanding Oxidation Stability**
Extends transformer life and reduces maintenance.
- ✓ **Low Pour Point**
Can be used in very cold environments.
- ✓ **Exceptional Dielectric Strength**
Withstands high electric stress without breakdown.
- ✓ **High Purity Synthetic Hydrocarbon Base Oil**
High performance and drop-in compatibility for mineral oil replacement.
- ✓ **Low Toxicity**
Reduces environmental impact in case of leaks or spills.
- ✓ **Biodegradable**
Safer for use in areas where an unintended release would impact local environment.

Applications

- ✓ Underground
- ✓ Over Water
- ✓ Mobile
- ✓ Any Environmentally Sensitive Area