

ADVANTAGE HYVOLT II ELECTRICAL INSULATING OIL

Overview

ADVANTAGE HYVOLT II is an electrical insulating naphthenic oil that meets the ASTM D-3487 specification for inhibited oils. Its very low pour point, excellent electrical properties and high level of oxidation stability makes ADVANTAGE HYVOLT II ideal for the demanding requirements of today's leading transformer manufacturers.

Features and Benefits

ADVANTAGE HYVOLT II has very high dielectric strength that exceeds most international requirements and excellent oxidation stability to reduce sludge and acid formation. Its inherent low pour point gives ADVANTAGE HYVOLT II excellent cooling properties and it can be readily mixed with similar ASTM D-3487 oils.

Applications

ADVANTAGE HYVOLT II is designed for use in any electrical application requiring an ASTM D-3487 Type II insulated oil.

Recommended For Applications

ASTM D-3487

TEST DESCRIPTION	TEST METHOD	SPECIFICATIONS		MARKETING VALUES
		MIN	MAX	
PRODUCT CODE 101				
Viscosity, sus at 378 °C	ASTM D 445		66.0	59.2
Viscosity, SUS at 98.9 °C	ASTM D 445		36.0	34.0
Viscosity, cSt atLo °C	ASTM D 445		76.0	64.2
Viscosity, cSt at 40 °C	ASTM D 341		12.0	9.3
Viscosity, cSt at 100 °C	ASTM D 341		3.0	2.3
Specific Gravity, 156 °C	ASTM D 4052		0.9100	0.8862
Flash Point, COC, °C	ASTM D 92	145		155
Color, ASTM	ASTM D 6045		0.5	LO.5
Pour Point, °C	ASTM D 5949		-40	-64
Aniline Point, °C	ASTM D 611	63.0	84.0	74.7
Interfacial Tension, 25 °C, dynes, cm	ASTM D 971	40		51
Visual Examination	ASTM D 1524	Clear & Bright		Clear & Bright
		Electrical Properties		
Dielectric BreakLdownL at 60 Hz, Disk electrodes, kV	ASTM D 877	30		40
Electrical Properties	ASTM D 1816			47
Power Factor at 60 Hz, 25 °C, %	ASTM D 924	35	0.05	0.005
Power Factor at 60 Hz, 100 °C, %	ASTM D 924		0.30	0.075