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ADVANTAGE HYVOLT II

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 & 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 ASTMD-3487 oils.

APPLICATIONS

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

ASTM-3487

SPECIFICATIONS

TYPICAL PROPERTIES

PRODUCT CODE	101	SPECIFICATIONS	
TEST DESCRIPTION	TEST METHOD	MIN	MAX
Viscosity, sus at 378°C	ASTM D 445		66.0
Viscosity, SUS at 98.9°C	ASTM D 445		36.0
Viscosity, cSt atLo°C	ASTM D 445		76.0
Viscosity, cSt at 40°C	ASTM D 341		12.0
Viscosity, cSt at 100°C	ASTM D 341		3.0
Specific Gravity, 156°C	ASTM D 4052		0.9100
Flash Point, COC, °C	ASTM D 92	145	
Color, ASTM	ASTM D 6045		0.5
Pour Point, °C	ASTM D 5949		-40
Aniline Point, °C	ASTM D 611	63.0	84.0
Interfacial Tension, 25°C, dynes, cm	ASTM D 971	40	
Visual Examination	ASTM D 1524	Clear & Bright	
		ELECTRICAL PROPERTIES	
Dielectric Breakdown at 60 Hz, Disk electrodes, kV	ASTM D 877	30	
Electrical Properties	ASTM D 1816		
Power Factor at 60 Hz, 25°C, %	ASTM D 924	35	0.05
Power Factor at 60 Hz, 100°C, %	ASTM D 924		0.30
Gassing Tendency, µL/min	ASTM D 2300		30
		CHEMICAL PROPERTIES	
Oxidation Stability	ASTM D 2440		
72 hr.: Sludge, % by mass			0.1
Total Acid Number, mg KOHlg			0.3
164 hr.: Sludge, % by mass			0.2
Total Acid Number, mg KOHlg			0.4
Oxidation Stability (Rotating Bomb Test), minutes	ASTM D 2112	195	
Oxidation Inhibitor Content, wtº/o	ASTM D 2668	0.15	0.30
Corrosive Sulfur	ASTM D 1275 (B)	Noncorrosive	
Water Content, ppm	ASTM D 1533		35
Neutralization Number, mg KOHlg	ASTM D 974		0.03
PCB Content, ppm	ASTM D 4059		Not detected

The data and OEM specifications listed is accurate to the best of our knowledge. This information listed is typical data and should not be considered a product standard nor a standard upon which acceptance or rejection of delivered product is to be based. It is the owner's responsibility to consult their equipment owner's manual and select the proper lubricant and viscosity grade for a given application. This data is subject to change without notification.