

ExxonMobil Univolt N 61B

Category : Fluid , Lubricant

Material Notes:

Univolt N 61B is a transformer oil that provides cooling, insulating, arc quenching, and cleaning properties while meeting the requirements of an ASTM D 3487 Type II fluid. Univolt N 61B is a fully inhibited Type II oil, which provides outstanding performance in transformers, circuit breakers, switches, and capacitors. Univolt N 61 B is normally recommended for distribution transformers in the field. In that temperatures inside a distribution transformer may reach 100C, proper unit design is essential including hermetic sealing. Since Univolt N 61B is a mineral oil type product, flammability makes the product unacceptable for units placed inside buildings.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Univolt-N-61B.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.889 g/cc	0.889 g/cc	ASTM D1298
Kinematic Viscosity at 40°C (104°F)	9.8 cSt	9.8 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	2.4 cSt	2.4 cSt	ASTM D445
Surface Tension	46 dynes/cm	46 dynes/cm	25°C; ASTM D971

Thermal Properties	Metric	English	Comments
Pour Point	-50.0 °C	-58.0 °F	ASTM D97
Flash Point	149 °C	300 °F	ASTM D92

Component Elements Properties	Metric	English	Comments
H2O	0.0015 %	0.0015 %	

Electrical Properties	Metric	English	Comments
Dielectric Strength	40.0 kV/mm	1020 kV/in	ASTM D877

Descriptive Properties	Value	Comments
Aniline Point, ASTM D611, °C	70.4	
Neutralization Number, ASTM D974	.01 (max)	

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