



UNIVOLT™ N 61 B

Mobil Industrial , Caribbean

Electrical Insulating Oil

Product Description

Univolt™ N 61B is a good quality, fully inhibited transformer oil designed to meet the operating requirements of transformers and other oil filled electrical equipment. It meets the requirements of ASTM D 3487 Type II fluid, providing good performance in transformers, circuit breakers, switches, and capacitors.

Features and Benefits

Univolt N 61B is manufactured from carefully selected base stocks favored by the domestic power industry under stringently controlled manufacturing conditions. It meets the demanding requirements of the ANSI/ASTM D 3487 specification for electrical insulating oils.

- Good Oxidation stability helps to extend lubricant service life and reduce maintenance costs
- Great low temperature performance helps enable easy low temperature start up
- Industry proven insulating properties

Applications

- Oil filled electrical equipment such as transformers, load tap chagers, switches, circuit breakers, high voltage capacitors, and lamp ballasts
- Some EDM (electrical discharge machines) as a coolant and insulator between charged electrodes
- Applications where a low viscosity mineral oil providing good low temperature properties is required

Specifications and Approvals

This product meets or exceeds the requirements of:

ASTM D 3487 Type II, (2000)

Properties and Specifications

Property	
Aniline Point, °C, ASTM D611	75.8
ASTM Color, ASTM D1500	L0.5
Corrosive Sulfur, ASTM D1275B	Noncorrosive
Dielectric Strength @ 60 Hz, kV, ASTM D877	30
Flash Point, Cleveland Open Cup, °C, ASTM D92	151
Interfacial Tension @ 25 C, dynes/cm, ASTM D971	48
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	2.3

Property	
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	9.2
Neutralization Number, mgKOH/g, ASTM D974	0.013
Pour Point, °C, ASTM D97	-50
Specific Gravity, 15.6 C/15.6 C, ASTM D1298	0.91
Water, ppm, ASTM D1533	35

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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