



# UNIVOLT™ N 61 B

## 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 chargers, 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

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**Univolt N 61 B meets or exceed the requirements of:**

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ASTM D 3487 Type II (2000)

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### Typical Properties

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#### Univolt N 61 B

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Viscosity, cSt, 40C, ASTM D 445	9.2
Viscosity, cSt, 100C, ASTM D 445	2.3
Aniline Point, C, ASTM D 611	75.8
Color, ASTM D 1500	L0.5
Corrosive Sulfur, ASTM D 1275	noncorrosive
Pour Point, C, ASTM D 97	-50
Flash Point, C, ASTM D 92	151
Specific Gravity, D 1288	0.91

Specific Gravity, D 1250	U.S.I.
Interfacial Tension, 25C, dynes/cm, ASTM D 971	48
Neutralization Number, mg KOH/g, ASTM D 974	0.013
Water, ppm, ASTM D 1533	35
Dielectric Strength, kV, ASTM D 877	30

## Health and Safety

Refer to the Material Safety Data Sheet for safety and health information.

Material Safety Data Sheets can be obtained from your local distributor; via the Internet on <http://www.msds.exxonmobil.com>.

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Exxon Mobil Corporation  
22777 Springwoods Village Parkway  
Spring TX 77389

1-800-ASK MOBIL (275-6624)

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