Mobil

# UNIVOLT™ N 61 B

Mobil Industrial , United States

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, mm2/s, ASTM D445 | 2.3 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 9.2 |

| Property | |
|---|---|
| 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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09-2020

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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