

DIELECTRIC OIL

DIELECTRIC TRANSFORMER OIL



BELHERR®

* DESCRIPTION

BELHERR® DIELECTRIC OIL is manufactured from highly refined and distilled mineral paraffinic base oils, free of alkalis and acids. By nature, these products provide excellent insulating properties, as well as low pour point and low volatility characteristics. Storage conditions must be kept free of moisture, as environmental humidity can significantly affect product performance.

* BENEFITS / PROPERTIES

- Excellent insulating efficiency.
- Low volatility.
- Protects the varnish coating on transformer windings.

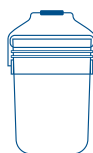
* APPLICATIONS

- Recommended as transformer oil, providing both insulation and cooling functions.
- Suitable for oil-filled electrical equipment such as transformers, load tap changers, switches, cutout fuses, high-voltage capacitors, and lamp ballasts.
- Used in certain Electrical Discharge Machines (EDM) as a coolant and insulating medium between charged electrodes.
- Applications requiring a low-viscosity mineral oil with excellent low-temperature properties.

TYPICAL CHARACTERISTICS

DIELECTRIC OIL		
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	9.2
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	2.3
Aniline Point, °C	ASTM D 611	75.8
Color	ASTM D 1500	L0.5
Corrosive Sulfur	ASTM D 1275	Non-Corrosive
Pour Point, °C	ASTM D 97	-50
Flash Point, °C	ASTM D 92	151
Specific Gravity	ASTM D 1298	0.91
Interfacial Tension at 25°C, dynes/cm	ASTM D 971	48
Neutralization Number, mg KOH/g	ASTM D 974	0.013
Water Content, ppm	ASTM D 1533	35
Dielectric Strength, kV	ASTM D 877	30

AVAILABLE IN



Pail: 19 L



Drum: 208 L



Tote: 1,040 L

