

DB™ Oil

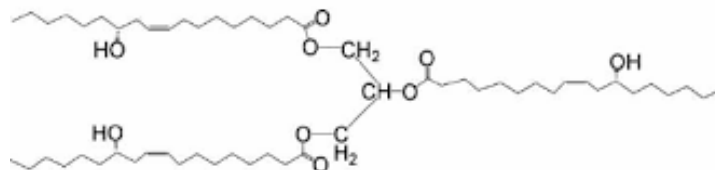
polyurethane grade castor oil

product information

DB Oil is the highest grade of refined castor oil. It was developed for use in applications when a low acidity and moisture content are critical.

application background

- High energy storage capacitors and transformers
- Liquid dielectric
- Sonar fluids
- Polyurethane coatings, adhesives, sealants and elastomers



performance benefits

- Moisture resistance based on hydrophobic nature
- Highly refined for maximum purity
- Low acidity, low moisture, low color
- Meets the requirements of ASTM D-960
- High volume resistivity and dielectric content, low dissipation factor
- Soluble in alcohols (hot), esters, ethers, ketones and aromatic hydrocarbons
- Partially soluble in aliphatic hydrocarbons
- Biodegradable and renewable source

typical characteristics

Appearance	clear, viscous liquid
Molecular Weight	928
Acid Value	0.8 maximum
Gardner Color	2 maximum
Hydroxyl Value	164
Iodine Value	86
Viscosity, 25°C	7.3 stokes
Moisture, %	0.02 maximum
Saponification Value	179
Refractive Index	1.4772
Specific Gravity, 25°C	0.959
Specific Heat, 25°C	0.50

Consult the Safety Data Sheet for hazard and regulatory information

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