

MICTRANS "B"

Property	Unit	Test Method	Guaranteed Data Min	Max	Typical Data
1. Physical					
Appearance		IEC 296	Clear & Bright		Clear & Bright
Density, 20°C	kg/dm ³	ISO 3675		0.895	0.855
Viscosity, -15°C	mm ² /s	ISO 3104		800	130
Viscosity, 40°C	mm ² /s	ISO 3104		16.5	8.5
Flash Point, PM	°C	ISO 2719	140		150
Pour Point	°C	ISO 3016		-30	-48
Color		ASTM D 1500		0.5	L0.5
2. Chemical					
Neutralization value	mg KOH/g	IEC 296		0.03	<0.01
Corrosive sulfur		ISO 5662	noncorrosive		noncorrosive
Antioxidant additive	wt%	IEC 666	not detectable		not detectable
Water content	ppm	IEC 814		30	<20
3. Electrical					
Dielectric dissipation factor at 90 °C		IEC 247		0.005	<0.001
Breakdown voltage					
- as delivered	kV	IEC 156	30		40~60
- after treatment	kV	IEC 156	50		>65
Interfacial tension	mN/m	ISO 6295	40		>45
4. Oxidation Stability					
At 100°C, 164hrs :		IEC 1125A			
- Sludge	wt%			0.1	0.05
- Total acid No.	mg KOH/g			0.4	0.25
5. Health,safety and environment					
PCB	ppm	ASTM D 4059	not detectable		not detectable

Mictrans "B" is an uninhibited transformer oil, meeting IEC 296(1982) Class I General specification.