

MICTRANS "A"

Property	Unit	Test Method	Guaranteed Data Min	Max	Typical Data
1. Physical					
Appearance		ASTM D 1524	Clear & Bright		Clear & Bright
Density, 20°C	kg/dm3	BS 4714		0.895	0.845
Viscosity, -15°C	mm²/s	BS 4708		800	110
Viscosity, 20°C	mm²/s	BS 4708		40	15
Flash Point, PM	°C	BS 2839	140		155
Pour Point	°C	BS 4452		-30	-45
Color		ASTM D 1500		0.5	L0.5
2. Chemical					
Neutralization value	mg KOH/g	BS 4705		0.03	<0.01
Corrosive sulfur		BS 148 App. D	noncorrosive		noncorrosive
Antioxdant additive	wt%	BS 5984			not detectable
Water content	ppm	BS 2511		35	<20
3. Electrical					
Dielectric dissipation factor at 90 °C		BS 148 App. C		0.005	<0.001
Breakdown voltage		BS 148 App. C			
- Oil delivered in bulk	kV		30		>60
Interfacial tension	mN/m	ISO 6295			>45
4. Oxidation Stability					
At 100°C, 164hrs :		BS 148 App. B			
- Sludge	wt%			0.1	0.05
- Total acid No.	mg KOH/g			0.4	0.2
5. Health,safety and environment					
PCA	wt%	BS 2000, Part346		3	<3.0
PCB	ppm	ASTM D 4059	not detectable		not detectable

Mictrans "A" is an uninhibited transformer oil, meeting BS 148(1972) General specification.