



Transformer & Electrical Oils

hyrax[®] Maltrans SP



Description

Hyrax Maltrans SP transformer oil is a standard uninhibited mineral insulating oil made from a severely hydroprocessed base oil which is good as a dielectric and coolant. It has good low temperature fluidity, high flash point and chemical stability.

Performance

- IEC 296-1982, Class 1
- BS 148-1984, Class 1
- IS 335-1993

Benefits

Hyrax Maltrans SP is manufactured from carefully selected of high quality base stock that provides good cooling, insulating and arc quenching properties while meeting the requirements defined in the international standards such as IEC 296, BS 148 and IS 335. Its inherent cooling, chemical stability and high sludge solubilizing effects provides excellent performance in transformers, switchgears, capacitors and other liquid filled electrical equipments. It features:

- Good impulse strength
- Good oxidation stability
- Low static charging tendency
- Low dissipation power factor (power factor)
- Non carcinogenic & PCB free

Typical Characteristics

Properties	Method	Min. Spec	Max. Spec	Values
Function				
Appearance	Visual		Clear & Bright	Clear & Bright
Density at 20°C, g/ml	ISO 12185		0.895	0.8345
Viscosity, cSt at 40°C	ISO 3104		16.5	<11
Viscosity, cSt at -30°C	ISO 3104		1,800	<900
Flash Point, °C	ISO 2719	135		180
Pour Point, °C	ISO 3016		-40	-42
Water Content, PPM	IEC 814		30 / 40*	20
Breakdown Voltage, kV	IEC 156	30 / 70**		60
DDF at 90°C	IEC 247		0.005	0.0002
Acidity, mgKOH/g	IEC 62021-1		0.01	0.005
Interfacial Tension, dynes/cm	IEC 62961		No General Requirement	45
Corrosive Sulfur	DIN 51353		Non Corrosive	Non Corrosive
Inhibitor of IEC 60666	IEC 60666		0.08	Not Detectable
2-Furfural Content, mg/kg	IEC 61198		0.1	<0.1
PCA Content, %	IP 346		3	<3
PCB Content, mg/kg	IEC 61619		Not Detectable	Not Detectable

Note: * 30 PPM - Bulk Delivery / 40 PPM- Drum Delivery

** 30 KV - Before Treatment / 70 KV- After Treatment