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Product Code: 1202

SAR TRANSFORMER OIL is an uninhibited electrical insulating oil manufactured from highly refined mineral oils. It offers good dielectric properties, good oxidation stability and provides efficient heat transfer even at low temperatures.

APPLICATION

This product has been specially developed for use in oil-filled electrical equipment – including power and distribution transformers, rectifiers, circuit breakers and switchgears. It is ideally suited for the server's and bitcoin mining cooling system.

BENEFITS

- Excellent heat transfer characteristics.
- Formulated to provide enhanced oxidation stability for longer equipment life and minimum maintenance.
- Good low temperature properties.
- Meets and exceeds the toughest demands on dielectric strength

TYPICAL PROPERTIES

Appearance (IEC 60296)		Clear, free from sediment and suspended matters	Complies
Density (ISO 3675)	@20°C kg/m ³	Max. 895	870
Kinematic Viscosity (ISO 3104)	@ 40°C mm ² /s @ -30°C mm ² /s	Guaranteed Max. 11.2 (IEC 60296 = Max.12) Max. 1.800	9.4 940
Flash Point °C (PM)	(ISO 2719/ASTM D93)	Min. 135	141
Pour Point °C	(ISO 3016)	Max. -40	-51
Neutralisation Value mg KOH/g (IEC 62021-1)		Max. 0,01	<0,01
Corrosive Sulphur	(DIN 51353), (IEC 62535) (ASTM D 1275 B)	Not corrosive -	Not corrosive Not corrosive
Breakdown Voltage kV	(IEC 60156) Untreated After treatment	Min. 30 Min. 70	>30 >70
Dielectric Dissipation Factor	(DDF) @ 90°C (IEC 60247)	Max. 0.005	0.002
Oxidation Stability	(164h/120°C) (IEC 61125 C)	Max. 1.2	0.9
	Total acidity mg KOH/g Sludge	Max. 0.8	0.3
	%m DDF @ 90°C (IEC 60247)	Max. 0.5	0.1

SPECIFICATION AND APPROVALS

IEC: 60296 (2003) Table 2 Transformer Oil (U): uninhibited.

HEALTH AND SAFTY

This product has been manufactured to the highest standards and when used for purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press the best of our knowledge. This information may be subject to change without notification due to continual product research and development.

SAR LUBRICANTS

For additional information:
Web: www.sarlubricants.com
Email: info@sarlubricants.com
Made In Iran



ISO TS/29001



ISO 9001



ISIRI 11387