

TRANSFORMER OIL

DESCRIPTION

TRANSFORMER OIL is an un-inhibited refined naphthenic oil specifically manufactured for use in electric transformers and switchgears as an insulating and heat transfer medium.

APPLICATIONS

TRANSFORMER OIL is used as an insulating and cooling medium where oil of high thermal and oxidation stability is required. It is also suitable where good gas absorbing properties are necessary like transformer oil immersed switchgear, circuit breakers etc.

BENEFITS

- High dielectric strength.
- Very low pour point.
- Free from acids and corrosive sulphur.
- Compatible with transformer construction material.

PERFORMANCE LEVEL

BS148
 I.E.C..... 60296(03)

Transformer Oil Inhibited also available on request.

PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE	TEST METHOD
Grade		-	32	-
Specific Gravity	@ 15°C	-	0.8780	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	9.00	ASTM D-445
	@ 100°C	mm ² /s	-	ASTM D-445
Viscosity Index		-	-	ASTM D-2270
Flash Point	PMCC	°C	144	ASTM D-93
Pour Point		°C	-45	ASTM D-97
TAN		mg KOH/g	0.005	ASTM D-974
Color		-	L0.5	ASTM D-1500
Water		ppm	20	ASTM D-1533
Electric Strength		KV	70	ASTM D-1816