



CPC Transformer Oil

- CPC Transformer oil is a highly refined insulating oil. The oil is widely applied to a variety of oil-bath transformers, oil-bath circuit breakers (OCB), capacitors, telecommunications cables, and other electrical machinery to effect insulation, cooling, and heat dissipation.
- The oil is refined from naphthenic base oil and contains neither additives or anti-oxidant (DBPC, PCB and etc.) nor inorganic acid and radical sulfur which are harmful to transformer and oil-bath circuit breakers.
- The typical properties of CPC Transformer oil meet the specification of the Taiwan Power I-002 、 USA ASTM D-3487 、 Japan JIS C-2320 and British BS-148 Standards. And the oil could mix with similar type naphthenic transformer oils (such as GULF Transcrest H) to be used.
- The handling of CPC Transformer Oil must keep absolutely free from contaminate and moisture to be mixed with the oil. The barrel lid should be closed tightly to prevent the oil from absorbing moisture within the atmosphere. It causes to reduce the strength of dielectric.
- Package: 200 liter drum
- The typical data are listed as next page:



Sp. Gr., 15.6°C/15.6°C, D4052	0.8899
Viscosity, Kin., cSt @40°C, D445	10.5
@0°C, D445	55.6
Flash Point, COC, °C, D92	146
Pour Point, °C, D6749	-45
Appearance, Visual	Clear
Color, D1500	L0.5
Water Content, ppm, D6304	20
Dielectric Breakdown Voltage, KV, IEC PUB.156	58.6
Interfacial Tension, 25°C, dyne/cm, D971	47
Resistivity, 50°C, Ω/cm, D1169	1.0x10 ¹⁴
Power Factor, 50°C, 40-60Hz, IEC PUB.247	0.003
Acid Number, mg KOH/g, D664	0.01
Corrosive Sulfur, D1275	None
Inorganic Chloride, D878	None
Inorganic Sulfide, D878	None
Oxidation Stability, 72hrs, Sludge, wt%, D2440	0.08
Oxidation Stability, 72hrs, Acid Number, mg KOH/g	0.23
Oxidation Stability, 164hrs, Sludge, wt%	0.10
Oxidation Stability, 164hrs, Acid Number, mg KOH/g	0.30
Product No.	LA66816

Note: Typical properties are based on standard tests under laboratory conditions. Variations that do not affect product performance are to be expected during normal manufacture. Please consult your local CPC representative if you have any questions.