



## Petro45 Insulating Oil

### **【Introduction】**

Petro45 insulating oil is manufactured by adopting moderate-refined, low viscosity, low pour point naphthenic base oil. It has characteristics such as fast heat transferring, good oxidation stability and excellent electrical properties etc. The oil has stable and reliable performance, and is produced in strict quality control procedure with sustainable resource.

### **【Specification】**

Petro45 insulating oil meets the requirements of IEC60296 (2003) classification U and ASTM D3487(93) type I. standard.

### **【Application】**

Petro45 insulating oil is suitable to use in electrical equipments which need insulating oils without anti-oxidation additive.

### **【Performance】**

With outstanding electrical insulation performance, high breakdown voltage and small dielectric loss factor, it can effectively prevent discharge phenomenon and power loss in high-voltage electric field; with relatively low viscosity, it can provide efficient cooling, heat transferring and starting performance at low temperature; outstanding low temperature property, free of pour-point depressant and its pour point can be lowered to  $-40^{\circ}\text{C}$ ; appropriate content of naphthenic hydrocarbon and aromatic hydrocarbon ensures the dissolution of the oil sludge generated during the equipment's running, avoiding destroying insulating material or affecting heat transfer; environment friendly, free of any polychlorinated biphenyls (PCB).

### **【Storage and Handling】**

Insulating oil is likely to be contaminated by moisture, different kinds of solid particle and fiber etc. Therefore, keeping the transformer dry and clean is of great significance. Storage vessel must be used exclusively, and contact with lubricating oil such as engine oil, hydraulic oil and gear oil etc. is strictly prohibited. Try to keep it indoors or in controllable climatic environment.