



## Petro25X, Petro45X Insulating Oil

### 【Introduction】

Petro25X, Petro45X insulating oils are manufactured by adopting moderate-refined low viscosity, low pour point naphthenic base oil and adding high quality package additive. They have characteristics such as fast heat transferring, good oxidation stability and excellent electrical properties etc. The oil has stable and reliable performance, and they are produced in strict quality control procedure with sustainable resource.

### 【Specification】

Petro25X insulating oil meets the specification of GB2536-90, Petro45 insulating oil meets the requirements of IEC60296 (2003) classification I and ASTM D3487 (93) type II standard.

### 【Application】

Petro25X and Petro45X insulating oils are suitable to work as insulation dielectric of electrical equipment such as transformer and reactor etc.

### 【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; good thermal stability and anti-oxidation stability, prevent forming of acid and sludge in operation; 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°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.