



Petro40X Long-Life Insulating Oil

【Introduction】

With naphthenic crude oil as feedstock, Petro40X long-life insulating oil is manufactured by adding high quality anti-oxidation package additive and adopting base oil produced with special technology. It has characteristics such as fast heat transfer, good oxidation stability, outstanding behavior of electrical and good anti-gassing property etc. The oil has stable and reliable performance, and is produced in strict quality control procedure with sustainable resource.

【Specification】

Petro40X long-life insulating oil meets the requirements of GB2536 – 90, SH0040 – 91, IEC60296 (2003) classification I, and ASTM D3487 (93) type II standards, and it also meets the specification of ST-I of SIEMENS and HU-B of ABB.

【Application】

Petro40X long life insulating oil applies to transformers of SIEMENS with capacity >220MVA and transformers of ABB with capacity of 500KV.

【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 excellent thermal stability and oxidation stability, it can prevent acid and oil sludge from being formed during service and prolong the service life of electrical equipment; with relatively low viscosity, it can provide efficient cooling, heat transferring and starting performance in low temperature; outstanding low temperature property, free of pour-point depressant and its pour point can be lowered to -45℃; 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 and 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 fibre etc. Therefore, keeping the transformer dry and clean is of great significance. Reservoir vessel must be exclusive, 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.