

D-A Cross Transformer Oil™



Product Description

D-A Cross Transformer Oil™ is a specially processed, inhibited, naphthenic transformer oil that meets ASTM D3487 transformer oil requirements.

It contains no harmful polychlorinated biphenyls (PCB's) or corrosive sulfur. Its low moisture content ensures high electrical resistance, and both thermal and oxidative stability. **D-A Cross Transformer Oil™** is highly stable and not corrosive to copper. Its low pour point and low viscosity provides excellent heat transfer under all temperature conditions. The high flash point provides for a margin of safety.

Product Features and Benefits

Prolonged transformer life – excellent heat transfer properties improve cooling of transformer components.

Maximized life of oil immersed switches – rapid quenching of arcs reduces contact erosion.

Transformer efficiency – high dielectric strength and low dissipation factor provides excellent insulating characteristics.

Extended service life – oxidation stability of **D-A Cross Transformer Oil™** limits the formulation of sludge, deposits and soluble compounds which break down the electrical properties of the oil in extended service conditions.

Typical Applications

D-A Cross Transformer Oil™ is recommended for use in arc-forming apparatus including:

- Oil immersed transformers
- Switches
- Circuit breakers
- Oil-filled capacitors
- Tap changers
- Electrical enclosures
- Fuses

D-A Cross Transformer Oil™ complies fully with the following specifications:

- ASTM D3487, Type II
- Doble TOPS-884, Inhibited Type II
- BS 148:1984, Class IIA (Inhibited)
- IEC 296:1982, Class IIA (Inhibited)
- CAN/CSA-C50-97, Type II (Class B)

Typical Properties

D-A Cross Transformer Oil™	Test Method	
Viscosity @ 100°C	ASTM D445	2.34
@ 40°C	ASTM D445	9.54
Pour Point, °F (°C)	ASTM D97	-65.2 (-54)
Flash Point, °F (°C)	ASTM D92	302 (150)
Specific Gravity @ 15°C/60°F	ASTM D1298	0.894
Dielectric Breakdown Voltage 60 Hz: Disc electrodes, KV	ASTM D877	50
Power Factor @ 60 Hz, % max @100°C	ASTM D924	0.05
PCB Content, ppm	ASTM D4059	None Detected

D-A Part Number:

Drum – 55 Gal

57012