



TEXACO TRANSFORMER

Transformer Oil, Transformer Oil Inhibited

CUSTOMER BENEFITS

Texaco Transformer Oil and Texaco Transformer Oil Inhibited deliver value through:

- **Prolonged transformer life** — Excellent conductive 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 Texaco Transformer Oil Inhibited limits the formation of sludges, deposits and soluble compounds which break down the electrical properties of the oil in extended service conditions.

FEATURES

Texaco Transformer Oils are specially processed, inhibited, naphthenic transformer oils that meets ASTM D 3487 transformer oil requirements.

They do not contain corrosive sulfur or harmful polychlorinated biphenyls (PCBs).

The special processing and the low moisture content of Texaco Transformer Oils insure high electrical resistance, and both thermal and oxidative stability.

Texaco Transformer Oils are highly stable and noncorrosive to copper.

Their low pour point and low viscosity provides excellent conductive heat transfer under all operating conditions. Their high flash point offers an additional margin of safety.

APPLICATIONS

Texaco Transformer Oils are recommended for use in arc-forming apparatus such as:

- oil-immersed transformers
- switches
- circuit breakers
- oil filled capacitors
- tap changers
- electrical reclosures
- fuses

They may also be used in applications requiring low viscosity, low pour point, high quality naphthenic oils.

Texaco Transformer Oils meet the requirements of:

- ASTM D 3487 Type I and Type II (Inhibited)
- British Standard BS 148 Class I and Class IA (Inhibited).

TYPICAL TEST DATA

| | Texaco Transformer Oil | Texaco Transformer Oil Inhibited |
|---|------------------------|----------------------------------|
| <i>CPS Number</i> | 220600 | 221515 |
| <i>MSDS Number</i> | 11040 | 11040 |
| API Gravity | 28.4 | 28.4 |
| Viscosity, Kinematic cSt at 40°C cSt at 100°C | 8.8 2.3 | 8.7 2.3 |
| Viscosity, Saybolt SUS at 100°F SUS at 210°F | 57 34 | 56 34 |
| Viscosity Index | 58 | 63 |
| Flash Point, °C(°F) | 160(320) | 150(302) |
| Pour Point, °C(°F) | -47(-53) | -47(-53) |
| Dielectric Strength, kV, ASTM D 877 | 50 | 50 |
| Power Factor, % at 100°C | 0.05 | 0.05 |

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.