



MOTTA Tr50

MOTTA Industrial , United States

Electrical Insulating Oil

Product Description

MOTTA Tr50is a good quality, fully inhibited transformer oil designed to meet the operating requirements of transformers and other oil filled electrical equipment. It meets the requirements of ASTM D 3487 Type II fluid, providing good performance in transformers, circuit breakers, switches, and capacitors.

Features and Benefits

MOTTA Tr50 is manufactured from carefully selected base stocks favored by the domestic power industry under stringently controlled manufacturing conditions. It meets the demanding requirements of the ANSI/ASTM D 3487 specification for electrical insulating oils.

- Good Oxidation stability helps to extend lubricant service life and reduce maintenance costs
- Great low temperature performance helps enable easy low temperature start up
- Industry proven insulating properties

Applications

- Oil filled electrical equipment such as transformers, load tap chagers, switches, circuit breakers, high voltage capacitors, and lamp ballasts
- Some EDM (electrical discharge machines) as a coolant and insulator between charged electrodes
- Applications where a low viscosity mineral oil providing good low temperature properties is required

Specifications and Approvals

This product meets or exceeds the requirements of:
ASTM D 3487 Type II, (2000)

Properties and Specifications

Property	
Aniline Point, °C, ASTM D611	75.8
ASTM Color, ASTM D1500	L0.5
Corrosive Sulfur, ASTM D1275B	Noncorrosive
Dielectric Strength @ 60 Hz, kV, ASTM D877	30
Flash Point, Cleveland Open Cup, °C, ASTM D92	151
Interfacial Tension @ 25 C, dynes/cm, ASTM D971	48
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	2.3

Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	9.2
Property	
Neutralization Number, mgKOH/g, ASTM D974	0.013
Pour Point, °C, ASTM D97	-50
Specific Gravity, 15.6 C/15.6 C, ASTM D1298	0.91
Water, ppm, ASTM D1533	35

Health & Safety

For health and safety recommendations, please refer to the Material Safety Data Sheet (MSDS), available at:
http://www.motta-lube.com

Manufacturer Information

Exxon (Xiamen) Petrochemical Co., Ltd.
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> Note: Typical values are obtained under normal production conditions and are not product specifications. Variations may occur between batches, but performance remains consistent. Information is subject to change without notice.