

TRANSMAX B

Product code: 268100201

Premium uninhibited transformer insulating oils

These products are severely refined hydro treated virgin mineral insulating oil with highest degree of purity and stability. These oils are manufactured from carefully selected blend of latest technology feed stocks. These series of uninhibited transformer oils have excellent oxidation stability, high dielectric strength and are used in equipment requiring operations at elevated temperatures & greater oxidation resistance. For more severe applications, elevated temperatures and better oxidation resistance our inhibited line of Transformer oils (Transmax I series) may be considered.

Applications

These products are highly suitable for all grades of power transformers, distribution transformers, circuit breakers, oil filled switches x-ray equipment.

Benefits & Advantages

- Higher flash point, resulting on low evaporation losses and better safety
- Remarkably low sludge and acidity formation, in both ageing and oxidation tests, results in longer life of oil and equipment.
- Low viscosity oils offering excellent and fast heat transfer
- Very low sulphur and no DBDS content
- Non corrosive

Performance level & standards

Standard	Transmax B
IS 335:05	<input checked="" type="checkbox"/>
IEC 296:82: Class I & BS 148:98 Class I	<input checked="" type="checkbox"/>
IEC 296:82: Class II & BS 148:98 Class II	<input type="checkbox"/>
IEC 60296:03 Table 2: U	<input checked="" type="checkbox"/>
JS 2320 Class I	<input checked="" type="checkbox"/>

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Typical	Test Method	Value
Appearance		B&C, free from suspended impurities
Odour		Odourless
Density @ 20 °C, gr/ml, Max	BS EN ISO 3675 IS 1448	0.895
Kinematic viscosity, mm ² /s <ul style="list-style-type: none"> 40°C 27 °C -15°C -30 °C 	BS EN ISO 3104 IS 1448 (part-25) BS EN ISO 3104	11.0 - - 1800
Flash point, °C PMCC	BS EN ISO 2719	140
Pour point, °C	BS EN ISO 3016	≤-45
Neutralisation value/Acidity, mg KOH/g	IEC 62021-1 BS 148-1998	0.03
Corrosive sulphur <ul style="list-style-type: none"> Silver strip, 100 °C, 18 h Cu Strip, 140 °C, 19 h Cu Strip, 150 °C, 48 h Cu Strip & Paper, 150 °C, 72 h 	DIN 51353 BS 5680/IS335 Annex B ASTM D1275-B IEC 62535:08	Non corrosive Non corrosive Non corrosive Non corrosive
Water content, max mg/kg, Max <ul style="list-style-type: none"> Bulk Drum 	IEC 60814	30 40
Anti-oxidant additives, % Max	IEC 60666/BS 5984	Not detectable
Oxidation stability, 164 hrs <ul style="list-style-type: none"> Neutralization value, mg KOH/g Total sludge (%) max DDF @ 90 °C 	IEC & BS EN 61125 Method A&C IEC 60247	0.4 0.1 -
Breakdown voltage <ul style="list-style-type: none"> Delivered (kv), min After treatment (kv), min 	IEC & BS EN 60156	30 70
Dielectric dissipation factor DDF @ 90 °C	IEC 60247	0.002
Gassing tendency @ 50 Hz after 120 min. mm ³ /min, method A (max)	BS 5797/ IEC 60628,A	-
Total PCB content, mg/kg	IEC & BS EN 61619	<1
Total furans, mg/kg	IEC & BS 61198	0.10
Polycyclic aromatics % mass, typical	BS 2000 (P:346)	0.931
Interfacial tension, mN/m, min	ISO 6295	40
Total Sulphur Content, %, max	BS 2000 Part 373 ISO 14596	0.15

All performance data on this Technical Data Sheet are indicative only and can vary during production.