



## INHIBITED IEC 296 CLASS I TRANSFORMER OIL

**Performance Standards:**

- As per IEC 296 Class IA - Inhibited

**Product Specifications:**

| CHARACTERISTICS  | TEST METHOD    | SPECIFICATION                                | TEST RESULTS                                 |
|--|----------------|--|--|
| APPEARANCE   | VISUAL         | Clear, Free from Sediment & Suspended Matter | Clear, Free from Sediment & Suspended Matter |
| DENSITY (KG/DM3)<br>@20°C<br>@ 29.5 C                          | ISO 3675       | < 0.895<br>< 0.890                           | 0.857<br>0.851                               |
| KINEMATIC VISCOSITY<br>@40°C MM2/SEC<br>@ - 5°C MM2/SEC        | ISO 3104       | <16.5<br>< 800                               | 10.15<br>435.80                              |
| FLASH P INT PMCC °C  | ISO 2719       | >140   | 154  |
| POUR POINT, °C   | ISO 3016       | < = -30                                      | -40  |
| INTER FACIAL TENSION @25°C N/M                                 | ISO-6275       | >0.04  | 0.048  |
| NEUTRALIZATION V LUE MG KOH/GM                                 | 7.7 OF IEC 296 | < 0.03                                       | 0.0004                                       |
| WATER CONTENT (MG /KG.)<br>IN BULK<br>IN DRUMS                 | IEC 733        | < 20<br>< 30                                 | 8<br>12                                      |
| BREAK DOWN VOLT GE (KV)<br>AS DELLIVERED<br>AFTER TREATMENT    | IEC 156        | < 30<br>< 30                                 | 40<br>76                                     |
| DIELECTRIC DISSIPATION FACTOR (TAN DELTA) @90°C &40°C TO 60 HZ | IEC-247        | < 0.005.                                     | 0.0004                                       |
| CORROSIVE SULPHU   | ISO 5662       | NON COROSSIVE                                | NON COROSSIVE                                |
| OXIDATION STABILITY (INDUCTION PERIOD) HRS.                    | IEC-296-7.11.2 | > 120e                                       | 220  |
| ANTI OXIDANT ADDITIVES%  | IEC-666        | 0.15- 0.0                                    | 0.18   |
| PCBS CO TENT, %  | AS M D 4059    | NOT DETECTABLE                               | NOT DETECTABLE                               |



**HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

**HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

**PROTECT THE ENVIRONMENT**

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

**STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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