

## Trafol<sup>®</sup> Rectifier Oil

[WWW.TRAFOLUBE.DE](http://WWW.TRAFOLUBE.DE)

Characterization: Naphthene highly refined mineral oil

Appearance: clear, yellow fluid, free from solids

Smell: mild, neutral

### Typical Key Performance Indicators

| Features                    | Value     | Specification      | Test method     |
|-----------------------------|-----------|--------------------|-----------------|
| Density by 15°C             | 873 - 898 | kg/m <sup>3</sup>  | DIN 51 757      |
| Color number                | < 2,0     |                    | DIN ISO 2049    |
| Viscosity at 40°C           | < 12.0    | mm <sup>2</sup> /s | DIN 51 562-1    |
| Pour Point                  | < - 50    | °C                 | DIN ISO<br>3016 |
| Flash point                 | > 130     | °C                 | DIN EN          |
| 22719 Neutralization number | < 0,03    | mg KOH/g           | DIN 51 558-1    |
| Water content               | < 20      | mg/kg              | IEC 814         |
| Dielectric loss factor      |           |                    | < 0,005 IEC 247 |
| Interfacial tension         | > 40      | mN/m               | ISO 6295        |
| Breakdown voltage           | > 50      | kV                 | IEC 156         |

**Description:** Trafol Rectifier oil is a highly refined naphthenic insulating oil. The low dielectric loss factor, the high breakdown voltage value and high interfacial tension characterize this oil.

The information contained in this data sheet is based on our thorough controls and is given to the best of our knowledge. These are for information only for our customers, but does not relieve the customer of a responsible examination of the described products for their suitability for the intended processes and purposes and the eventual risk of violation of rights of third parties. For any potential liability on our side, the conditions of our General Business Terms are valid.

Trafol Rectifier Oil.doc 24.08.2014

[WWW.TRAFOLUBE.DE](http://WWW.TRAFOLUBE.DE)