



# Product Data Sheet

## Aminol™ T-1500

Transformer oil

### Product description

Aminol™ T-1500 is a premium quality highly refined mineral-based transformer oil designed to provide maximum performance and protection for high voltage electrical equipment. It has been formulated with sulfur paraffinic oils using selective hydrogenation and purification processes to deliver excellent electrical insulation properties, superior heat transfer capabilities, and long-term oxidation stability.

### Application

Aminol™ T-1500 is recommended for use in electrical transformers, circuit breakers, switchgear, and other electrical equipment where high performance insulating oil is required. It is particularly compatible with power transformers operating at high temperatures or under heavy loads.

### Features & Benefits

- Excellent oxidation stability for longer service life
- High dielectric strength for enhanced insulation properties
- Low power loss for increased efficiency
- Superior heat transfer properties for efficient cooling
- Exceptional moisture resistance for reliable performance in damp conditions

### Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity	cst	ASTM D 445	-
- at -30°C	cst	ASTM D 445	1100
- at 20°C	cst	ASTM D 445	20
- at 50°C	cst	ASTM D 445	7.5
- at 100 °C	cst	ASTM D 445	2.5
Flash Point	°C	ASTM D 93	145
Pour Point	°C	ASTM D 97	-45

TAN	mg KOH/g	ASTM D 974	0.005
Dielectric dissipation factor at 90°C	%	IAL 60247	0.2
Dielectric Breakdown Voltage	kV	IAL 60156	30
- as delivered	kV	IAL 60156	60
- after treatment	kV	IAL 60156	-
Density at 20°C	g/cm <sup>3</sup>	ASTM D 4052	0.883

Typical property characteristics are based on current production. Whilst future production will conform to Aminol™ specifications, variations in these characteristics may occur.

### Performance claims

- GOST 982-80

### Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: [www.aminol.az](http://www.aminol.az)

- **Protect the Environment**

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

### Available pack sizes

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

### Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.



## Notes

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