Product Data Sheet

**Aminol™ Heat Transfer Oil 46**

Heat Transfer oil

**Product description**

Aminol Heat Transfer Oil 46 is a top-quality heat transfer fluid designed for closed indirect heating systems. Crafted from highly refined base stocks, it offers exceptional oxidation stability and remarkable resistance against thermal cracking.

**Application**

Aminol Heat Transfer Oil 46 is recommended for use in heat transfer systems where fuel oil, gas or electricity is used to heat a liquid which then transfers the heat to where it is needed. Central cooking, drying, cooking oil deodorisation and fryer oil heating are also heat transfer applications.

**Features & Benefits**

* Ensures reliable operation at high temperatures thanks to its exceptional thermal stability.
* Prolongs service life through its strong oxidation resistance.
* Sustains heat transfer conductivity, optimizing system efficiency.
* Exhibits remarkable endurance at elevated temperatures, without leaving any residue.
* Facilitates smooth operation at low temperatures.
* Delivers outstanding corrosion protection for systems.

**Typical Properties**

| **Property** | **Unit** | **Test method** | **Typical value** |
| --- | --- | --- | --- |
| ISO viscosity grade | - | - | 46 |
| Density at 20°C | g/cm3 | ASTM D 4052 | 0.875 |
| Kinematic Viscosity at 40°C | mm2/s | ASTM D 445 | 46.0 |
| Viscosity Index | - | ASTM D 2270 | 98 |
| Initial Boiling Point | °C | ISO 3405 | >330 |
| Flash Point (COC) | °C | ASTM D 92 | 226 |
| Pour Point | °C | ASTM D 97 | -10 |

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

**Performance claims**

* ISO 3448 VG 46
* ISO 6743-12 L-QC-46
* DIN 51522-Q Meets requirements

**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**

* 20 L Canister plastic
* 200 L Drum sheet metal

**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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