Product Data Sheet

**Eurotec™ Turbine Oil TP-22C**

Turbine oil

**Product description**

Eurotec™ TP-22C is an advanced lubricating oil formulated using innovative German technology, designed to deliver impeccable performance in various applications, including bearings, auxiliary mechanisms, and control systems found in high-speed steam and gas turbines, as well as certain types of centrifugal and turbo compressors. It has been developed using a unique combination of carefully chosen base stocks and a well-calibrated additive system, resulting in enhanced operational properties.

**Application**

**Features & Benefits**

• Outstanding oxidative stability  
• Robust rust and corrosion protection  
• Elevated viscosity index  
• Minimal cavitation tendency  
• Exceptional thermal stability  
• High demulsification properties

**Typical Properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Unit** | **Test method** | **Typical value** |
| ISO viscosity grade | - | - |  |
| Density at 15°C | g/cm3 | ASTM D4052 |  |
| Kinematic Viscosity at 40°C | mm2/s | ASTM D445 |  |
| Kinematic Viscosity at 100°C | mm2/s | ASTM D445 |  |
| Viscosity Index | - | ASTM D2270 |  |
| Flash Point (COC) | °C | ASTM D92 |  |
| Pour Point | °C | ASTM D97 |  |
| Acid number | mg KOH /g | ASTM D2896 |  |
| Water demusability | min | ASTM D1401 |  |
| Air release | min | ASTM D3427 |  |
| Copper Strip Corrosion, 3 h, 100 °C | - | ASTM D130 |  |
| Oxidation stability - TOST Life | hrs | ASTM D943 |  |
| Oxidation stability - RPVOT | min | ASTM D2272 |  |
| Rust-Preventing Characteristics, A&B | - | ASTM D665 |  |

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

**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.euroteclube.com](http://www.euroteclube.com)

* **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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