

# TURBO-K<sup>®</sup>

## AF10

**TURBO-K AF10 Anti Icing Additive** is a specially formulated ready to use solution based on Mono Propylene Glycol which can be used as a substitute for water and demineralised water for diluting **Turbo-K 1:4 Concentrate** during cold weather periods.

**TURBO-K AF10 Anti Icing Additive** is recommended for use when the outside ambient air temperature is in the range of +10°C (50°F) down to -20°C (-4°F).

When on-line cleaning, the rapid evaporation of water can induce freezing and ice formation on the leading edges of the blades in the initial stages of the compressor. Whenever engine cleaning is carried out at temperatures near or below the freezing point of water (0°C/32°F) there is a risk of some ice formation and therefore blade damage. Experience suggests use of some form of antifreeze to prevent icing of the compressor blades whenever the ambient air temperature falls below +10°C (50°F).

**TURBO-K AF10 Anti Icing Additive** is supplied as a stable, ready to use solution which can be mixed with Turbo-K 1:4 Concentrate at the recommended dilution rate of 1 part Turbo-K Concentrate to 4 parts Turbo-K AF10.

**TURBO-K AF10 Anti Icing Additive** can also be used without the detergent for rinsing the compressor after Offline Cleaning (Crank Wash).

**TURBO-K AF10 Anti Icing Additive** is classified as “non-hazardous” and “fully biodegradable”, therefore transport, handling and environmental considerations are greatly reduced compared to using other commercially available antifreeze agent.

**TURBO-K AF10 Anti Icing Additive** is a liquid additive and is normally handled at room temperature. It should be stored in original, sealed 200 Ltr plastic drums or 1000 Ltr IBCs until required for use.



### TURBO-K AF10 PRODUCT DATA

**Description:** A gas turbine quality, liquid anti-icing additive enabling online and offline cleaning under potentially freezing conditions.

Non-hazardous and fully biodegradable.

**Appearance:** Colourless liquid

**Solubility:** Completely soluble in Turbo-K 1:4 Concentrate

#### Properties

**General Appearance:**

**Specific Gravity @ 20°C:**

**Flash Point (Closed cup):**

**Boiling Point:**

**Freezing Point:**

#### Typical Values

Colourless liquid

Approx. 1.040

> 95°C

105°C

< -20°C

**Packaging:** 200 Ltr plastic drums (Gross Weight 217 Kg)  
1000 Ltr IBCs (Gross Weight 1115 Kg)

**Tariff Code:** 2905320000

# TURBO-K

Turbo-K International Limited  
Holly Lane Ind' Estate, Atherstone,  
Warwickshire CV9 2QZ UK  
Tel. +44 (0)1827 722911  
Fax +44 (0)1827 722919  
Email: info@turbo-k.biz  
www.turbo-k.biz

Global distribution  
Roselli Chemicals Inc.  
Email: info@rosellichemicals.com  
www.rosellichemicals.com