



## **TURCO<sup>®</sup> 6888**

### **COMPRESSOR CLEANING COMPOUND FOR GAS TURBINE POWER GENERATORS**

#### **DESCRIPTION:**

TURCO 6888 is a water based product designed for use in cleaning compressor assemblies in gas turbine engines. These engines are typically used in power generators, and are often encountered on drilling platforms, or other remote locations where power must be generated on-site. This product is **not** for use on aircraft engines or APU's.

#### **FEATURES:**

TURCO 6888 offers these features:

1. Meets the requirements of GE Power Systems GEI 41042N and GEK 103623B.
2. Contains exceptionally low levels of damaging trace elements.
3. Suitable for both on-line and off-line washing.
4. Contains no petroleum distillates, phenolic materials or other objectionable solvents.
5. Effective cleaning of oily or greasy soils, as well as rapid removal or dispersion of dry particulate soils.
6. Nonflammable.
7. Biodegradable.

#### **USE INSTRUCTIONS:**

Different procedures are followed for on-line and off-line cleaning. Additionally, different engines or engine configurations may require special procedures or equipment. **Always** follow the instructions provided by the engine manufacturer.

On-line cleaning refers to the process in which a solution of the liquid cleaning compound is injected into the air intake plenum while the engine is running at full speed under reduced load. It is most beneficial when performed on a regular, frequent basis - preferably daily. On-line washing serves to maintain the efficiency of the engine while extending the time between more thorough off-line cleaning procedures. The recommended dilution rate for on-line cleaning is 20% by volume in DI or RO water, provided the water has a pH in the range of 5.0 to 6.0. (This pH should be the result of the dilution water having come to equilibrium with atmospheric gases.) For details of engine preparation, usage volume application rates, dwell time, rinsing requirements and evaluation of cleaning effectiveness, see the maintenance manual for the appropriate engine.

Off-line cleaning refers to the process in which a solution of the liquid cleaning compound is injected into the bellmouth and air intake plenum while the engine is being cranked. Cranking RPM will vary with the engine model. The inlet plenum and bellmouth should be pre-cleaned to insure that soil from these surfaces are not washed into the engine. Off-line washing provides more thorough cleaning, but it requires more preparation and is more time consuming. It is normally done only when heavy engine

fouling is suspected. Off-line washing serves to maintain the efficiency of the engine and should result in measurable improvements in engine operating parameters. The recommended dilution rate for on-line cleaning is 20% or higher by volume in DI or RO water, provided the water has a pH in the range of 5.0 to 6.0. (This pH should be the result of the dilution water having come to equilibrium with atmospheric gases.) For details of engine preparation, usage volume application rates, dwell time, rinsing requirements and evaluation of cleaning effectiveness, see the maintenance manual for the appropriate engine.

## **DISPOSAL INFORMATION:**

Dispose of spent solution per local, state and regional regulations. Used, spent solution may contain hazardous components derived from soils being cleaned that were not in the original, unused solution. These contaminants may change the hazard category for disposal. Refer to TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

## **CAUTION!**

Turco 6888 will cause moderate to severe irritation if in direct contact with skin or eyes. Avoid contact with skin, eyes or clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles and gloves, boots and apron made from solvent resistant materials, such as Neoprene, should be worn while handling or using this product. A NIOSH-approved respirator equipped with a mechanical filter should be worn during misting conditions.

Store in closed containers in a protected area, away from excessive heat or direct sunlight.

Before using this product, refer to the container label and the TURCO MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

## **NOTICE:**

*The above information and recommendations are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and sellers sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage or injury, direct or consequential, arising out of the use of this product.*

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