

**K - 320**  
**«WATER BASED, BIODEGRADABLE CLEANER»**  
**FOR**  
**ON-LINE & OFF- LINE CLEANING**  
**GAS TURBINE COMPRESSORS**

**Description**

K-320 is a water based, concentrated, biodegradable, liquid cleaner which has proved effective in the removal of oil, salt and solid deposits from compressor blades, guide vanes, and rotors of industrial, marine and aviation gas turbine engines. Periodic cleaning of these components is necessary to avoid power loss and abnormal temperature increases.

**Specifications**

**K-320 meets the following specifications:**

- **U.S. Military Specification MIL – PRF – 85704 Type II & Type III.**
- **AMS-1551B**
- **Solar turbines Specification ES – 9 – 62.**
- **General Electric Specification GEK 107122B.**
- **Boeing D-6 17487**
- **DEF STAN 79-18**
- **Simens Doc N. DGSR-54KF00-MBA9C-001-A01 Section K.5.2 GT**

**Application**

1) For On-Line Cleaning:

On-line cleaning with K-320 is normally carried out by mixing 1 part of K-320 with up to 4 parts of demineralized, distilled or deionized water into a stable solution.

The volume of chemical solution needed per wash and frequency of use depends on engine size, severity of fouling and operating environment. Detailed user instructions and recommendations are provided in the EUROCHEM manual and by our technical staff.

**Two typical procedures for cleaning are given in our bulletin for in-place cleaning Gas Turbine Compressors.**

2) For Off-Line, Crank Washing.

Off-line cleaning with K-320 is normally carried out by mixing 1 part of K-320 with up to 4 parts distilled, demineralized or deionized water. The solution is injected at cranking speed, allowed to soak for 20 to 60 minutes and then thoroughly rinsed off at cranking speed with distilled or acceptable good quality water.

Volume of cleaning solution per wash and washing frequencies should be as per the normal washing routine of the operator or as recommended by the engine manufacturer.

**Packaging** K-320 is packaged in 210 liter drums and in 20/25/30 liter pails.