

## EFFECTIVE GAS TURBINE COMPRESSOR CLEANING

Developed specially to meet & clean  
Rolls Royce Gas Turbine Compressors



Rochem offers a range of powerful specialist compressor cleaning chemicals exhibiting outstanding performance, they're designed for all types of fouling and meet current OEM and environmental standards world-wide. All of the Rochem FYREWASH® chemical range is suitable for both online and offline washing.

### FYREWASH® F3 RR PRODUCT DESCRIPTION

FYREWASH® F3 RR was developed to give the maximum possible cleaning efficiency and effectiveness from a non-solvent chemical. FYREWASH® F3 RR has superior cleaning qualities that are non-hazardous, user-friendly and highly biodegradable water based cleaner which now sets the standard against which the performance and cost effectiveness of all other true nonsolvent water-based gas turbine compressor cleaners can be judged. Approved & meets Rolls Royce specification for online & offline washing. CEFAS Approved for use offshore.

FYREWASH® F3 RR can be used with any online or offline injection system, designed specifically for your gas turbine types.

### FEATURES and BENEFITS

- Safely and effectively cleans compressors online and offline.
- Extremely effective non-solvent cleaner.
- Meets the most stringent requirements of gas turbine manufacturers.
- Ideal for light and frequent online washing of any type of industrial, marine or aviation gas turbine to maintain in-service output and fuel efficiency.
- Ideal for offline cleaning due to high cleaning efficiencies.
- Backed by Rochem's unique high value product liability insurance.
- Online cleaning reduces damaging shutdown/ start-up thermal cycles and starter wear and tear.

### PROPERTIES

**APPEARANCE:** Colourless.

**SHELF LIFE :** 5 years.

**TYPICAL PROPERTIES:** Density 1.01g/ml@ 20°C, PH 8.5 (20% in water).

**DILUTION:** FYREWASH® F3 RR concentrate with four (4) parts of water into a stable solution.

**APPLICATION:** FYREWASH® F3 RR can be used with any on-line or off-line injection system.

**WATER RINSE:** Online washing best practice is to perform rinse flush with demin water. Offline washing rinse until effluent runs clear.

**ANTIFREEZE:** Add antifreeze below +10°C, FYREWASH® F3 RR is compatible with Methanol, Propylene Glycol, Ethylene Glycol. Rochem manufacture a superior freeze point depressant, Rochem FPD, please contact Rochem for further information.



## EFFECTIVE GAS TURBINE COMPRESSOR CLEANING

Find out more about our FYREWASH® range:



**FYREWASH® F1**

F1 is a high purity hydrocarbon solvent & surfactant formulation for heavy duty online and offline compressor cleaning.

**"BEST PRODUCT FOR OIL LEAKS AND HEAVY INDUSTRIAL AREAS"**

**FYREWASH® F2**

A low foam water based cleaner containing a renewable solvent for on-line and off-line compressor cleaning.

**"BEST LOW FOAM WATER BASED PRODUCT ON THE MARKET"**

**FYREWASH® F3**

Environmentally friendly water based detergent for online and offline compressor washing.

**"SUPERIOR CLEANING QUALITIES THAT ARE NON-HAZARDOUS & ENVIRONMENTALLY FRIENDLY"**

**FYREWASH® F3**  
Oil & Gas

Environmentally friendly water based detergent for online and offline compressor washing on offshore oil & gas platforms.

**CEFAS APPROVED FOR OFFSHORE APPLICATIONS**

**FYREWASH® F3 RR**

Environmentally friendly developed specially for rolls royce gas turbine compressors.

**WE RECOMMEND USING IT WITH ONE OF OUR INJECTION SYSTEM TO ENSURE THE HIGHEST RESULTS**

**FYREWASH® F4**

Highly bio-degradable water based detergent for online and offline compressor cleaning.

**CAPABLE OF REMOVING THE WIDEST SPECTRUM OF FOULING**

### HEALTH & SAFETY

FYREWASH® F3 RR is a safe and highly biodegradable chemical. However, for offline, crank wash cleaning all chemical solution and rinse water drainage should be collected and disposed of properly no matter what type of chemical is being used.

**EC Hazard rating:** Xi. Irritant. US NFPA rating 1,1,0

**Protective Measures:** Non-hazardous but avoid frequent prolonged direct contact with skin to prevent possibility of de-oiling skin and wear eye protection as a matter of course when handling any chemical.

**Spillage:** Absorb large spillages with sand or earth. Flush away small spillages with water.

**Fire:** Use foam, carbon dioxide, dry chemicals, sand or earth.

### MANAGEMENT SYSTEM

TARIFF CODE: 34029090 EUROPE

ISO14001: 2015 & ISO9001: 2015

### ENVIRONMENTAL

All chemical solution and rinse water drainage should be collected and disposed of correctly. Adhere to your local environmental regulations.

### LOGISTICS

#### Ordering

1000ltr: 73926 | 210ltr: 73924 | 25ltr: 73922  
25ltr only: NSN: 7930-99-844-8876

#### Packaging

25 lt (6.5 USG) pails and 210 lt (55 USG) drums, 1000 lt IBC.

#### Shipping

No restrictions. Classified as non-hazardous for international transport by road, sea and air.

#### Storage

Store in a cool, well ventilated dry place in tightly closed drums. Avoid temperature fluctuations.

*Please contact Rochem for full information on your on-line or off-line compressor washing requirements.*

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ISO14001:2015 AJA Europe  
attained by RTS- Europe -  
Manufacturers of equipment.  
Registration No: AJAEU/19/15656

ISO 9001: 2015 Certificate No: 10107456  
and ISO 14001: 2015 Certificate  
No: 10107457/Lloyds Accreditation  
attained by ROMACO Manufacturers  
of Fyrewash Chemicals.

ISO9001:2015 AJA Europe  
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Manufacturers of equipment.  
Registration No: AJAEU/19/15655