

# FYREWASH® F3

# ROCHEM

Powerful.Efficient.Reliable

## EFFECTIVE GAS TURBINE COMPRESSOR CLEANING



### Highly biodegradable water based detergent for online & offline compressor washing

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 on-line and off-line washing.

### FYREWASH® F3 PRODUCT DESCRIPTION

FYREWASH® F3 was developed to give the maximum possible cleaning efficiency and effectiveness from a non-solvent chemical. FYREWASH® F3 has superior cleaning qualities that are non-hazardous, user-friendly and highly biodegradable which now sets the standard against the performance and cost effectiveness of all other true nonsolvent water-based gas turbine compressor cleaners can be judged.

Fyrewash® F3 is also available in wipes which are ideal for hand cleaning gas turbine blades and other gas turbine parts.

Approved & meets most major OEM's world-wide.  
CEFAS Approved for use offshore.

FYREWASH® F3 can be used with any on-line/off-line injection system and suits any engine type.

### FEATURES and BENEFITS

Safely and effectively cleans compressors on-line and off-line.

Extremely effective non-solvent cleaner.

Meets the most stringent requirements of gas turbine manufacturers.

Ideal for light and frequent on-line washing of any type of industrial, marine or aviation gas turbine to maintain in-service output and fuel efficiency.

Ideal for off-line cleaning due to high cleaning efficiencies.

Backed by Rochem's unique high value product liability insurance.

Can be supplied as wipes for cleaning many other gas turbine parts.

### PROPERTIES

**APPEARANCE:** Colourless.

**SHELF LIFE :** 5 years.

**TYPICAL PROPERTIES:** Density 1.00g/ml@ 20°C, PH 7 - 7.5 (20% in water).

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

**APPLICATION:** FYREWASH® F3 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 is compatible with Methanol, Propylene Glycol, Ethylene Glycol. Rochem manufacture a superior freeze point depressant, Rochem FPD, please contact Rochem for further information.



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Find out more about our FYREWASH® range:



A HIGH PURITY HYDROCARBON SOLVENT & SURFACTANT FORMULATION FOR HEAVY DUTY ONLINE AND OFFLINE COMPRESSOR CLEANING.



A LOW FOAM WATER BASED CLEANER CONTAINING A RENEWABLE SOLVENT FOR ONLINE AND OFFLINE COMPRESSOR CLEANING.



ENVIRONMENTALLY FRIENDLY WATER BASED DETERGENT FOR ONLINE AND OFFLINE COMPRESSOR WASHING.



ENVIRONMENTALLY FRIENDLY WATER BASED DETERGENT FOR ONLINE AND OFFLINE COMPRESSOR WASHING ON OFFSHORE OIL & GAS PLATFORMS.



ENVIRONMENTALLY FRIENDLY DEVELOPED SPECIALLY FOR ROLLS ROYCE GAS TURBINE COMPRESSORS.



HIGHLY BIO-DEGRADABLE WATER BASED DETERGENT FOR ONLINE AND OFFLINE COMPRESSOR CLEANING.

### HEALTH & SAFETY

FYREWASH® F3 is a safe and highly biodegradable chemical. However, for off-line, 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

#### Packaging

25 lt (6.5 USG) pails and 210 lt (55 USG) drums, 1000 lt IBC. Container of 200 Lint-free wipes.

#### 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.

