

ANTI-FREEZE

THE ROCHEM FREEZING POINT DEPRESSANT

PRODUCT DESCRIPTION

Rochem FPD is a specialist additive designed to lower the freezing point of the wash fluid while maintaining excellent stability post mixing. This allows the user to maintain their wash schedules at temperatures down to -10°C (14°F) ensuring optimum performance and maximising output.

USE OF ANTI-FREEZE MATERIALS IN COLD WATER

Rochem recommends that the point at which the operator should consider using anti-freeze is when the ambient temperature is +50°F (10°C) in order to allow for the 5° to 10° temperature depression of the air entering the compressor bell mouth. Examples of the relative stability of FYREWASH® solution when mixed with various anti-freeze materials are as follows:

All percentages are by volume and are based on a solution of 4 parts water/anti-freeze mixture to one part FYREWASH® concentrate.

The water and anti-freeze must be pre-mixed before adding the FYREWASH® concentrate

TEMP	MATERIAL	REQ'D RATIO/WATER	STABILITY
+10°C	Rochem FPD	None Required	N/A
10°C	Rochem FPD	10/90	Over 4 hours
5°C	Rochem FPD	15/85	Overs 4 hours
0°C	Rochem FPD	20/80	Over 3 hours
-5°C	Rochem FPD	30/70	Over 2 hours
-10°C	DO NOT CARRY OUT ANY FORM OF WASHING		

It is extremely important that the liquid detergent and anti-freeze/water solution be a homogeneous mixture during injection. If a mixture of FYREWASH®, anti-freeze and deionized water is allowed to set for an extended period of time the solution should be reagitated to regain stability.

ROCHEM PRODUCT RANGE

PE SKID RANGE

Skid range offering a low-cost solution to turbine washing in safe hazardous area applications

PLENUM OBSERVATION WINDOWS

Observation Windows for all gas turbine engines

NOZZLES

Gas turbine compressor cleaning nozzles
Dual and Triple Side Spray Nozzle for all gas turbine engines

TRIPLE STAGE FILTERS (TSF)

Filters for on-line & off-line compressor cleaning system nozzles. For Rochem nozzle systems (and many other in-line filtration applications).

PC RANGE

Process compressor cleaning system. A fully self-contained comprising a nozzle assembly, delivery hose and wash delivery system.

Contact us for more information

Rochem Technical Services (Europe) Ltd

Tel: +44 (0) 1962 890089
Email: sales@rochem.co.uk

Rochem Technical Services (USA) Ltd

Tel: +1 281 227 1447
Email: sales@rochemltd.com

Rochem Technical Services (M.E) FZE

Tel: +971 (6) 557 8177
Email: sales@rochem.ae



AJAOS/12780



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