

POWERBACK CRANK WASH

Delivering efficient compressor technology since 1985

THE PROBLEM:

Crank washing is vital to efficient gas turbine operation. Contaminant and fowling can disturb airflow, degrade compressor efficiency, increase fuel use and subject hot section components to excessive thermal effects. Compressor crank washing on a regular schedule can optimize engine efficiency and even extend the time between needed inspections and repairs.

THE SOLUTION:

PowerBack is the most aggressive solvent-free detergent available. Packaged to deliver 6% solids when mixed it contains **twice** the active materials versus all other specialty crank washes. PowerBack's proprietary anti foaming chemistry improves rinsing and reduces the time required to crank wash.

PowerBack requires no special handling or reporting if spilled. Cationic cleaning action aggressively attacks both organic contaminants such as oil and grease as well as inorganic fouling such as salts and soils.



PowerBack can be used in accordance with the crank washing instructions for virtually all makes and models of industrial gas turbines.

Unlike most solvent products, **PowerBack** requires no secondary storage and is available in both a pre-mixed and a concentrate form, which is mixed at a ratio of six parts demineralized or deionized water to one part PowerBack. A single 30 USG

drum of concentrate yields 210 gallons of cleaner. The pre-mixed product is ready for use as received. Products are available in 5 USG pails, 30 USG drums, 55 USG drums, and 300 USG Portafeed containers.

ECT is the manufacturer of R-MC Compressor Cleaner, an environmentally safe concept in cleaning gas turbines. **ECT** also offers a comprehensive line of injection hardware.

THE BENEFITS:

- **Low Foaming**
 - **Requires NO Agitation**
Mix 6 parts demineralized water with 1 part R-MC
 - **Non-Toxic**
Contains no alkalis, phosphate acids or 2-butoxyethanol
 - **Biodegradable**
Mixture of cationic surface active agents and deionized water
 - **Non-Flammable**
Contains no petroleum by-products
 - **User Friendly**
ECT's products do not require special D.O.T. restrictions
 - **Meets Specifications**
For virtually all OEM specifications for flight and ground turbines
- PowerBack** was formulated to be effective, economical and most importantly, environmentally safe.
- In test after test, **PowerBack** outperforms other crank washes in restoration of lost power.



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