



Technical Data Sheet R-MC Compressor Cleaner

Three Decades of Success in On-line Cleaning

THE PROBLEM:

The outcome is predictable when contaminants accumulate in the compressor of a gas turbine engine.

- Power is sharply reduced.
- Running temperatures are elevated.
- Fuel consumption is increased with stalls and vibration occurring during acceleration.

THE SOLUTION:



The remedy is R-MC. **ECT's** patented cleaning fluid inhibits and reverses contaminant

buildup. It can be injected without shutting down the engine and regular use removes layered deposits and discharges them as a fine white ash along with the exhaust gases.

R-MC is a unique combination of cationic, surface active agents in a water based carrier which has no harmful effect on fuels, lubricants or engine components.

THE OUTCOME:

As part of a normal maintenance program, R-MC can reduce fuel consumption, lower operating temperatures, restore the engine to optimum efficiency, and increase engine life.

ECT, the manufacturer of R-MC, has been in the gas turbine industry since the 1970's.

ECT designs and manufactures compressor cleaning injection systems for a variety of industrial and aeroderivative engines.

ECT also provides field installation services, customized systems, and a drum recovery program.

ECT has designed on-line and off-line cleaning nozzles for a wide range of engines. Contact your Technical Representative for a complete list.

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:

- **Safe for On-line Use**
Contains no solvents
- **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

R-MC was formulated to be effective, economical and most importantly, environmentally safe.

When used as part of a comprehensive program of ingestive on-line cleaning, R-MC will keep your axial flow compressor rotating at peak efficiency.

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