

# R-MC COMPRESSOR CLEANER

Delivering efficient compressor technology for more than 30 years

## The OEM Approved Product for Flight Turbines:

Many turbines (e.g., RR 250, PWAC PT-6, etc.), often see service in severe environments and operating conditions. Real time operating experiences show that engine performance and component life benefit significantly from the use of R-MC.

### R-MC Characteristics

With R-MC, the cleaning procedure is easy, fast, and safe:

- Requires no mixing prior to use and no rinsing after use, in most applications.
- Average cleaning time is less than 30 minutes.
- R-MC is non-flammable, non-toxic and biodegradable.

## TECHNICAL SUPPORT:

ECT provides application tooling built to exacting standards for all makes of gas turbines. Our technical support personnel are available to ensure that the full benefits of R-MC are achieved.

"An ounce of prevention..."

When contaminants accumulate in the compressors of gas turbine engines, the outcome is predictable. Sharply reduced power... increased running temperatures... greater fuel consumption... possible compressor vibration and stall during acceleration. In short, unnecessary and costly unit downtime.



Part #	Product	Size/Description
4070-05 Pre-mixed cleaner	R-MC	5 Gallon Container
4070-30 Pre-mixed cleaner	R-MC	30 Gallon Container
42172-05 Concentrated Formula that is mixed 4:1 with deionized or distilled water	R-MC	5 Gallon Container
42172-30 Concentrated Formula that is mixed 4:1 with deionized or distilled water	R-MC	30 Gallon Container
4072-01 Concentrated Formula that is mixed 6:1 with deionized or distilled water	R-MC	1 Gallon Container
4072-05 Concentrated Formula that is mixed 6:1 with deionized or distilled water	R-MC	5 Gallon Container

## THE RESULTS:

Aircraft operators have found that cleaning with R-MC leads up to 50% greater time between overhauls.

### Rolls-Royce flight turbine operators have reported:

- 3 percent performance improvement over deteriorated engine condition.
- Average ITT drop of 18° after one wash.
- No engine deterioration due to deposits at 600 hour inspection.

### PT6 operators have reported:

- Increase in TBO from 5000 to 7500 hrs.
- Absence of corrosion and salt deposits in severe environments.

### JT-8, CFM56 and CF-6 operators have reported:

- Decreased fuel consumption of 1-3%.
- Lowered EGT of up to 10° C.

ECT's patented and widely used R-MC engine cleaner effectively inhibits and reverses contaminant build-up. In most cases, it achieves efficient in-service engine cleaning without engine shutdown. (Consult your engine manual and use in accordance with engine manufacturer's recommendations).

## APPROVALS:

- Meets MIL-C-85704
- Conforms to engine OEM specifications including GE, P&W, Rolls-Royce, Boeing.

 **ECT**  
Engine Cleaning Technology  
338 Circle Of Progress Dr.  
Pottstown, PA 19464  
Tel: 610-239-5120  
Fax: 610-239-7863  
info@ectinc.net  
www.ectinc.net