RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

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Gas Turbine Compressor Cleaning Fluid RXSOL 27

RXSOL 27 is a concentrated, neutral, environmentally friendly, biodegradable, waterbased detergent cleaning fluid for cleaning and corrosion inhibition of gas turbine compressors.One operation cleans and protects the engine – and also inhibits corrosion. The unique corrosion inhibitor allows engines to be left ready for an instant restart, even in salty offshore conditions.

Technical Specification

pH	:	7.5 - 8.5
Specific gravity	:	1.01
Appearance	:	Clear pale straw coloured liquid with a mild pleasant odour
Solubility	:	Completely soluble in water
Compatibility	:	Not corrosive or detrimental to any of the materials normally used in gas turbine engines or aircraft components. No adverse effect on synthetic turbine oils.
Biodegradability	:	> 90%

Application Procedure

By spray ring or lance in either starter-driver (off-line) or fired (on-line) wash as directed by the engine manufacturers, in the quantities recommended in the engine manual. It is essential during hot wash that the cleaner should leave as little ash residue as possible to avoid blocking turbine blade cooling holes.

Application	Dilution	Instructions
Online Wash	1:4 with demineralized water	Inject into compressor per OEM guidelines
Offline Soak Wash	1:2 with demineralized water	Circulate for 15–30 minutes, then rinse
Manual Cleaning	1:3–1:5	Apply with sprayer or brush, then rinse thoroughly

Features and Benefits

- **Neutral pH** and **non-aggressive** to alloys and seals
- One-step cleaning + **corrosion protection**
- **Biodegradable** and environmentally friendly
- Compatible with demineralized water for **safe** rinsing
- **Non-foaming** under high pressure injection

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