Shipboard Cleaning Solutions

Aqueous Parts Washer

Function

The Navy's current ship-based aqueous parts washers automatically clean greasy and oily parts by spraying them with a re-circulated hot water and non-hazardous, biodegradable cleaning solution. Non-aircraft parts only.

Environmental Advantages

Biodegradable detergent poses less risk to human health and the environment than other solvents. The detergent is reused during the cleaning process, dramatically reducing the generation of hazardous waste and associated shore disposal costs.

Labor Savings

The system provides man hour reduction by reducing the time required to clean components by hand using PD-680 or other cleaning agents.

Aqueous Parts Washer

Cable Cleaner/Lubricator

Cable Cleaner/Lubricator

Function

The cable cleaner/lubricator scrapes old grease from ship's wire rope and applies new grease in one continuous process.

Environmental Advantages

The technology eliminates the issue of spent solvents and greasy rag waste resulting from the manual cleaning of ships' wire ropes. As a result, shore hazardous waste disposal costs are also avoided.

Labor Savings

Greatly reduces the man power and time required to clean and lubricate cable.

Environmental Compliance

The Navy's Pollution Prevention Afloat program, which provides this equipment, targets hazardous material reduction on ships in support of Executive Order 13423 (Strengthening Federal Environmental, Energy and Transportation Management Greening the Government).

Return on Investment

5 years for aqueous parts washer, 1.4 years for cable cleaner/lubricator.

Defending Freedom, Protecting the Environment

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