



# U.S. NAVY ENERGY, ENVIRONMENT & CLIMATE CHANGE

Environment



## 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.

## 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.

### 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.



## For More Information

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