UniClean America

FEATURES AND BENIFITS

- **Effective Cleaning:** Quickly dissolves deposits containing carbon, resins, varnishes, and unburned fuel oil.

- **Economical:** Reduces the need for labor-intensive manual cleaning, saving time and effort.

- **Versatile Application:** Suitable for a wide range of components and equipment, including fuel injectors, burner tips, oil filters, and heat exchangers.

- **Enhanced Maintenance:** Ensures optimal performance of equipment by maintaining cleanliness and preventing buildup.

UCA+ CARBON REMOVER HD

PRODUCT DESCRIPTION:

Introducing UniClean America CARBON REMOVER HD, a high-performance, non-corrosive solvent that revolutionizes maintenance by effortlessly eliminating stubborn carbon deposits, resins, varnishes, and unburned fuel oil. Specifically formulated for various components and machine parts, this powerful cleaner simplifies the cleaning process, negating the need for manual scraping and ensuring a thorough clean, even for intricate parts. Experience maintenance made easy with UniClean America's cutting-edge solution.

APPLICATIONS:

Component Cleaning: Ideal for fuel injectors, burner tips, pistons, piston rings, valve cages, and other machine parts fouled by carbon, resins, or varnishes.
Filter Cleaning: Efficiently removes carbon-based deposits from fuel and lube oil filters.
Heat Exchanger Maintenance: Cleans the oil side of fuel heaters, oil coolers, and other heat

DIRECTIONS FOR USE:

Soaking Method:

1. **Preparation:** Submerge the components to be cleaned in a tank filled with UCA+ CARBON REMOVER HD. Small parts can be placed in a wire basket.
2. **Soaking Time:** Depending on the level of contamination, soak the items for 1-10 hours. Light deposits can be removed within an hour, while heavily oxidized deposits may require a longer soaking period.
3. **Temperature:** Most deposits can be dissolved at ambient temperatures. For particularly stubborn deposits, heat the solution up to a maximum of 50°C in a well-ventilated area.
4. **Rinsing:** After soaking, rinse the components thoroughly with water under pressure to remove all residues before handling.

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Circulation Method:

Preparation: Isolate the oil supply and disconnect the heat exchanger's oil inlet and outlet. Drain any remaining oil.

Setup: Connect the discharge side of a chemical cleaning unit to the lower heat exchanger connection and return it to the cleaning unit.

Circulation: Fill the unit with UniClean America Carbon Remover/Filter Clean. The product can be diluted with diesel oil down to 25% concentration. Maintain the solution temperature at 50°C throughout the cleaning operation. If heating is unavailable, extend the cleaning time and use a higher product concentration.

Cleaning Duration: Circulate the solution for 4-12 hours, depending on the degree of soiling. For effective cleaning, blow compressed air or steam through the system to remove excessive deposits before starting the circulation.

Final Rinsing: After cleaning, drain the system and connect a high-pressure fresh water supply to the upper heat exchanger connection. Rinse until the water runs clear. Disconnect, drain, and dry the system.

PHYSICAL PROPERTIES:

Appearance:	Clear
Density [g/ml]:	0.9-1
Form:	Liquid
Flash Point	>65

CRUCIAL NOTICE:

Unlock the Safety Data Sheets (SDS) for UniClean America's products—your compass for health and safety when handling our chemicals. Before diving into our products, every manager and employee must delve into these sheets to ensure a smooth sail through safe usage.

We are committed to providing precise and dependable information. Nevertheless, it's on you, the user, to wield and employ our product prudently, fully aligned with all laws and regulations. UniClean America and our suppliers don't guarantee any warranties—explicit or implied—pertaining to the product, including its marketability. This product is exclusively offered for your scrutiny and trials. This information does not extend any patents or licenses, either stated or inferred.

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