

## DESCRIPTION

CARBON REMOVER is a combination of highly active, fast-penetrating solvents with selected detergents and corrosion inhibitors designed to remove carbon deposits, varnish, gummy matter, etc., from diesel engine pistons, rings, valves and other parts where oil combustion foulants accumulate.

CARBON REMOVER penetrates deposits and dissolves oil, grease, varnish and most products of incomplete combustion. Insoluble mineral matter (carbon, soot, ash, dirt) is softened so that it can easily be removed with a water rinse.

CARBON REMOVER cleaner has many other uses as a parts and equipment cleaner. For example, it is an excellent paint stripper for oil base, latex and epoxy paints.

## APPLICATION & USE

Two cleaning methods are recommended.

### A. SOAKING METHOD

1. After removing rubber trim, place the parts to be cleaned in a pan or drum of suitable size and use enough CARBON REMOVER to cover. Small parts may be put into a wire basket for easy removal and recovery. Use a water seal as indicated in 2b.
2. Allow to stand until deposits are completely dissolved or loosened (usually 4-8 hours). The actual time required will depend on the thickness and composition of the deposits. depending upon the degree of contamination.
  - a) When deposits are exceptionally heavy, stir or agitate CARBON REMOVER.
  - b) When deposits are carbonized, CARBON REMOVER may be heated to 55°- 60° C. When this is done, cover the product with a 7.5 - 15cm layer of water to retain the vapors.

**NOTE:** CARBON REMOVER has a higher specific gravity than water. If CARBON REMOVER cleaner is put into the tank first, followed by water, the liquids will form two layers with the water on top. Addition of a water layer does not dilute the cleaner or impair its effectiveness in any way and will serve as a vapor barrier.

CARBON REMOVER cleaner should not be heated above 75°C.

3. Remove from cleaning bath, rinse with a stream of water to remove any loosened material that remains, and dry by wiping or with compressed air.

### B. BRUSHING METHOD

For in-place cleaning of large, heavy equipment, apply CARBON REMOVER to the soiled parts with a paint brush (do not use a brush with bristles set in rubber). Continue brushing, keeping the brush moist with CARBON REMOVER, until the parts are clean. Provide adequate positive ventilation in the cleaning area. After cleaning, wipe the parts with a cloth soaked in water, then with a dry cloth.

**NOTE:** These procedures may be varied at the discretion of the user, depending on available apparatus. Do not allow product to come in contact with rubber trim. Use with adequate ventilation.



Contact your Drew Marine representative for more information

## TYPICAL PROPERTIES

Appearance:	Clear, dark brown liquid
Specific Gravity @25°C:	1.06 - 1.08
Flash Point (PMCC):	>77° C
Freeze Point:	-14° C

**NOTE:** Always use the appropriate personal protective equipment when using this product.

## PACKAGING

CARBON REMOVER solvent cleaner is available in 25- liter containers (PCN 0051409).

## IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

## FEATURES

- Concentrated blend of solvents and detergents
- Contains corrosion inhibitor
- Heavier than water

## BENEFITS

- Penetrates and softens hard-to-remove carbon deposits
- Reduces need for mechanical cleaning or use of heat
- Excellent paint stripper
- Economical
- Non-corrosive to most metals
- Allows use of water seal to minimize odor and act as a rinse agent



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