

CARBO-SOL

NONCHROMATED COLD TANK CARBON REMOVER

DESCRIPTION:

CARBO-SOL is a two-phase, yellow, liquid compound formulated to remove carbon, paints, engine varnish, sticky gums, oils, greases, ethyl stains and other soils from internal combustion engine parts at room temperature by immersion methods.

CARBO-SOL Contains a built-in floating seal which helps retard evaporation and serves as a preliminary rinse to reduce drag out.

CARBO-SOL is non-corrosive to ferrous and nonferrous alloys normally used in internal combustion engine parts and accessories, but are not recommended for use on metals and materials that are affected by chlorinated hydrocarbons.

FEATURES:

1. Nonflammable.
2. Used as received.
3. No heating required. Operates at room temperature.
4. Free of phenols and chromates.
5. Contains built-in seal to retard solvent loss.
6. Readily rinses from parts with cold, hot pressurized water and steam.

USE INSTRUCTIONS:

Tanks: Tanks and associated equipment may be fabricated from mild steel or stainless steel.

Charging Tank:

CARBO-SOL is a diphasic liquid, consisting of a solvent layer and a seal layer. The top layer is a floating seal designed to (1) prevent solvent loss by evaporation, (2) reduce drag-out losses and (3) aid in rinsing parts as they are removed from solvent layer.

When possible, always add the total contents of a container to a tank. If impracticable, thoroughly mix the contents of a container before using a portion of the solution to insure proper solvent to seal ratio.

Application: Immerse parts in CARBO-SOL tank, making sure parts are below the seal level. Do not heat or agitate tank. Maintain tank between 18°C to 30 °C for optimum tank life and cleaning ability.

Seal Maintenance: Maintain seal level at approximately 12% by volume or 10 cm in depth at all times by the addition of cold tap water.

Grids: Grids should be installed in tanks to prevent parts from sitting on the bottom sludge, since removed soils will settle to the bottom of the tank.

Rinsing: Remove parts from tank and rinse with high pressure cold water, hot water or steam.

NOTE: Cleaned ferrous parts may rust under certain atmospheric conditions and should be protected with a rust preventative. Your *CleanSystem* Territory Manager can recommend suitable rust preventative based upon your production requirements.

Tank Maintenance: To prolong tank life, periodically allow CARBO-SOL to settle for 24 hours. Pump CARBO-SOL into suitable clean container(s) and remove sludge and residue from original tank. Return CARBO-SOL to original tank and check liquid level. Add fresh CARBO-SOL as required. If less than a full container is required, agitate container thoroughly before using to insure proper solvent to seal ratio is maintained.

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to your local *CleanSystem* Territory Manager, Region Sales Office or MATERIAL SAFETY DATA SHEET for additional disposal information.

WARNING! Causes eye irritation, may cause skin irritation on contact.

CleanSystem contains chlorinated hydrocarbon, alcohol and fluosilicate. Avoid contact with eyes, skin and clothing. Do not take internally.

Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles and gloves, apron and boots, made from solvent resistant neoprene should be worn when handling and using this material.

Do not use CARBO-SOL near welding arcs, torches and open flames, since hazardous gases may be formed.

Containers, exposed to moderate heat, above 35°C, may develop sufficient internal pressure to rupture. Use care in opening containers to avoid spurting.

Before using this product refer to container label and MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.