

TECHNICAL DATA SHEET

FORMULA 555

CARBON REMOVER

INTRODUCTION:

FORMULA 555 is a two-layer, liquid cold cleaner designed to remove carbonaceous soils and paints. It contains solvents, emulsifiers, surface-active agents, corrosion inhibitors and evaporation retardants. It does not contain phenol or cresylic acid and is biodegradable. Extensive tests in our laboratories prove that **FORMULA 555** does not cause corrosion. It has good rinsing qualities even at low temperatures.

ADVANTAGES:

FORMULA 555 offers the following advantages:

- No phenolic compounds – simplifies waste disposal.
- Biodegradable, phosphate free, boron free.
- Safe on ferrous and non-ferrous metals.
- Fast acting and effective, with good storage life.
- Built-in seal retards evaporation and drag-out loss, aids in loosening dirt and prepares surface for easy rinsing.
- No fire hazard – non-flammable and has a long service life.
- Good storage stability.

APPLICATION:

FORMULA 555 is excellent for cleaning automotive and aircraft accessories including carburettors, fuel pumps, filter screens and distributor housing. It is also used for foundry box cleaning and paint stripping of many organic coatings. The solvents in **FORMULA 555** dissolve not only oils and greases, but many gums, resins, bitumen and waxes.

OPERATING DATA:

SOLUTION MAKE-UP:

FORMULA 555 is used as received. It is never diluted, heated or agitated.

OPERATING RANGES:

Solution temperature - 65 to 95F (16 to 32°C)

Solution pH - 11,0 to 11,4

Immersion time - ¼ to several hours, depending on type and degree of soiling.

NOTE: When FORMULA 555 bath is allowed to operate below 16°C there is some loss of cleaning efficiency in common with other products of this type.

METHOD:

Use the following method to clean parts in FORMULA 555:

- 1.) Disassemble all parts. Remove gaskets, packing, rubber, elastometric and leather.**

NOTE: FORMULA 555 attacks organic materials such as paint, natural rubber, synthetic rubber and silicone.

- 2.) Immerse parts in lower layer of FORMULA 555 bath until carbon and soil are thoroughly softened and loosened.**

NOTE: Make certain that all parts are completely immersed in the solvent layer. Portions of parts that extend into the water seal are not satisfactorily cleaned and may be subject to corrosive attack. Also, do not agitate bath or parts.

- 3.) Remove parts, allowing solution to drain back into pail or tank.**
- 4.) Rinse parts in a stream of cold water under pressure. A rust-retarding solvent rinse is recommended when parts are not to be processed immediately.**