

Cold Tank Degreaser/Decarboniser

DD-103

PRODUCT DESCRIPTION

Degreaser/De-carboniser DD-103 is a cold tank immersion paint remover, degreaser and decarboniser and is designed for use wherever there is a need to remove a wide variety of paints, oils and other organic coatings from ferrous and non—ferrous metals.

APPLICATION

Degreaser/De-carboniser DD-103 finds general application in the removal of organic finishes from airframes and other metal components as well as the removal of carbonised and oily soils from aircraft, marine, automotive and stationary engine components.

More specific applications include:

- Removal of paint from airframe and aircraft engine components.
- Stripping paint from magnesium and aluminium aircraft wheels.
- Decarbonising pistons, cylinder heads and crank cases.
- Reconditioning carburettors.
- Cleaning fuel oil burner nozzles and diesel injectors.

FEATURES & BENEFITS

- Non—flammable.
- Used at room temperature.
- Removes a wide range of organic finishes including alkyd enamels, polyurethanes, silicones, varnishes, lacquers, amine catalyzed epoxies and acrylics.
- Inhibited to prevent corrosion on all metals including aluminium and magnesium alloys when used as recommended.
- Built in chemical seal minimises evaporation of volatile solvent phase.
- Long tank life through built in tolerance to soil.
- Minimal stripping time because of rapid penetrating action exhibited against organic finishes and carbonised oil.
- No corrosive fumes.

BATH MAINTENANCE

Baths of DD-103 should be maintained regularly to control the volume of water seal, the amount of sludge and concentration of free alkali.

DD-103 baths should not be agitated. If this is done the effectiveness of the chemical seal will be reduced and loss by evaporation of the volatile solvent phase will occur.

Components must be totally immersed in the lower (active) solvent phase. If components protrude into the chemical seal they may be subjected to corrosion at the interface level between seal and solvent phase.

Reduction of bath volume by drag-out loss is replaced by addition of the complete contents of the DD-103 container as supplied.

If the volume of chemical seal is reduced by evaporation of water and not by drag—out loss then it can be replaced by appropriate additions of water.

Sufficient additions of water should be made to restore the volume of chemical seal to approximately 15% to 20% of total bath volume.

Where baths are heavily worked, components should be gently lowered through the chemical seal into the active phase so as to minimise agitation.

METHOD OF USE

1 Pre-clean to prolong bath life excess oil and other lightly adherent soils should be removed by either steam cleaning, high pressure spraying or immersion cleaning.

2 Components to be cleaned must be fully immersed in the solvent phase of an unheated, un-agitated tank of DD-103.

Concentration: Used as received.

Temperature: 19°C to 32°C Max. (65°F to 90°F).

Time: Dependent upon type and amount of soil, immersion time should not exceed 8 hours between inspections.

3. Rinse —pressure or immersion water rinse. If rusting of ferrous components is a problem a solvent rinse can be employed or water rinsing followed by application of a rust preventive.

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