

TURCO 4215 NC

NONSILICATED ALKALINE CLEANER FOR IMMERSION AND SPRAY SYSTEMS

Description:

TURCO 4215 NC is a granular mixture developed to clean aerospace metals, including metals that come in contact with LOX. TURCO 4215 NC is ideal for cleaning fuel and hydraulic components and articles that require adhesive bonding, anodizing and conversion coatings.

TURCO 4215 NC is suitable for use on steel, titanium, nickel, copper and aluminum alloys either in spray or immersion systems at operating temperature from 60 - 70°C.

Benefits:

TURCO 4215 NC offers these benefits:

1. Non-silicated - easily rinsed from parts.
2. Readily soluble in water at recommended concentrations.
3. Leaves water break-free surface.
4. Will not corrode aluminum, steel, titanium, nickel and copper based alloys.
5. Non-foaming at recommended concentrations and temperature.
6. Operates at moderate temperature from 60 - 70°C.

Use instructions:

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

Spray systems: Add 15 - 20 g/l TURCO 4215 NC. Operating temperature is from 60 - 70°C, with a spray pressure of 20 to 30 psi. Normal contact time is from 1 to 2 minutes.

Immersion systems: Add 60 - 75 g/l TURCO 4215 NC. Operating temperature is from 60 - 70°C, with air or mechanical agitation. Normal contact time is from 5 to 10 minutes.

Ultrasonic systems: Add 10 - 20 g/l TURCO 4215 NC. Cleaning time is dependent upon the amount and type of soil. For optimum results, do not allow the solution temperature to exceed 50°C during ultrasonic operations.

Rinsing: Rinse parts with cold to warm water as soon as possible after cleaning.

Note: Ferrous and aluminum parts should be protected from corrosion. Your TURCO representative can recommend a suitable corrosion preventive or water displacing oil based upon your production requirements.

Spray and immersion bath additive: TURCO 4215 Additive, used at 1 to 2 % by volume of the TURCO 4215 NC solution is recommended when difficult to remove soils are encountered.

Control of solution:

Your TURCO representative can supply you with a TURCO test kit, which contains the necessary chemicals and glassware for testing TURCO 4215 NC solution and instruct your personnel in its use.

Disposal information:

Dispose of spent solution per local, state and regional regulations. Refer to your TURCO representative or TURCO MSDS for additional disposal information.

Caution:

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, gloves, boots and apron, made from alkaline resistant neoprene, should be worn when handling and using this product.

A respirator, equipped with a mechanical filter should be worn for dust or mist conditions.

Store in closed containers away from excessive heat.

Refer to container label and TURCO MSDS for additional handling, storage 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.

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