



TURCO[®] HTC

HOT TANK CLEANER FOR FERROUS MAGNESIUM AND TITANIUM ALLOYS

DESCRIPTION:

TURCO HTC cleaner is a brown granular powder, formulated to clean ferrous, magnesium and titanium alloys by immersion methods.

TURCO HTC removes lube oils, greases, forming compounds, drawing compounds and mill inks at recommended temperatures and concentrations and leaves a water-break-free surface. It is not recommended for use on reactive metals, such as aluminum, zinc and tin alloys.

FEATURES:

TURCO HTC offers these features:

1. Effective heavy duty cleaning
2. Readily soluble in tap water at recommended concentrations
3. Low foaming, can be used with air or mechanical agitation
4. Easily controlled by simple titration
5. Readily rinses from parts with warm water

USE INSTRUCTIONS:

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

Charging Tank: Fill tank to 80% of operating level with clean, tepid water. Agitate tank with air or by mechanical means. Carefully add TURCO HTC at the ratio of 45 to 90 g/L of agitated water by broadcasting small quantities onto the top of the water. Never "dump" large quantities of TURCO HTC into water, since heat is liberated and local pockets of steam may be generated. Always add make-up amount of TURCO HTC to tank when tank has been allowed to cool. Operate solution from 70° to 100°C.

Rinsing: Rinse parts in overflowing rinse or spray rinse system with warm water. High pressure air-water rinse is recommended to remove difficult soils.

NOTE: Ferrous parts should be protected against rusting. Your TURCO Sales Engineer can recommend a TURCO Rust Preventive Oil and Water Displacement Oil based upon your product needs and storage conditions.

CONTROL:

A laboratory control procedure is available upon request.

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to TURCO MATERIAL SAFETY DATA SHEET for additional disposal information.

DANGER! Contact may cause severe burns to skin and eyes.

TURCO HTC contains sodium hydroxide, silicate and phosphate. 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 alkali resistant materials, should be worn when handling and using this product. A NIOSH-approved dust mask should be worn when handling dry powder.

Always add TURCO HTC to tepid agitated water by broadcasting small amounts onto the top of the water. Never "dump" large quantities into water since heat is liberated and local pockets of steam may be generated.

Hazardous carbon monoxide gas can form upon contact with food and beverage products in enclosed spaces and can be fatal. Follow appropriate tank entry procedure (see ANSI Z117.1-1977).

Before using this product refer to container label and TURCO 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.

Rev. 8/99(Sup. 3/90)
TDB #105-6