



choicechem

T1000-DTW

Dirty Tank Wash Improved Formula



What Is T1000-DTW

T1000-DTW is the only safe, reusable and environmentally responsible industrial pipe and tank cleaning solution on the market.

T1000-DTW addresses hydrocarbon build up in tanks and pipes that presents in the form of sludge, grime, asphaltenes and waxes or contaminants.

T1000-DTW has been used in several applications where it has delivered consistent outstanding results for our customers.

Traditional toxic hydrocarbon based cleaners or high pressure water blasting leaves a waste product that cannot be reused or recycled and is expensive to dispose of.

To date there has never been a product option that not only significantly reduces the environmental impact but also completely eliminates the inherent OHS risk.



Benefits of T1000-DTW

T1000-DTW is a no-entry tank cleaning system. Our team uses our proprietary chemical and sprayer system to clean all the residue build-up in your tanks.

The benefits are:

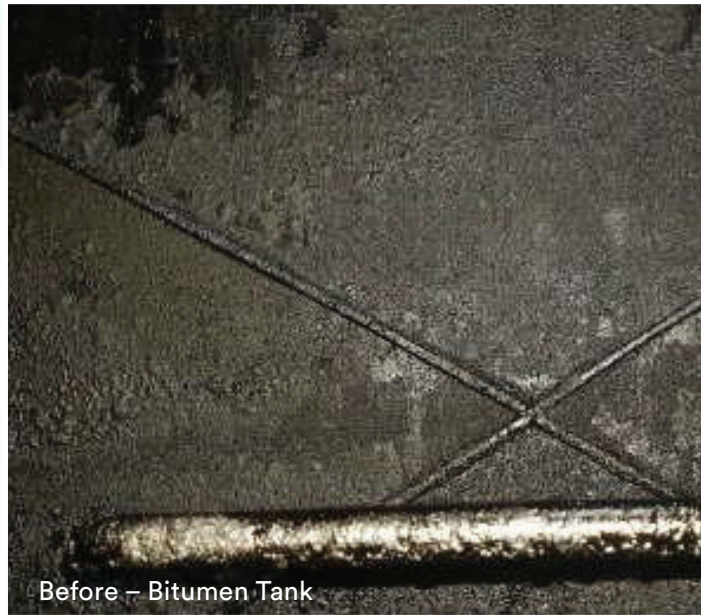
- ✓ 60% less tank downtime
- ✓ No entry means safer process
- ✓ We repurpose the material, making it more eco friendly
- ✓ Less overall cost than manual tank cleaning
- ✓ Reusable
- ✓ Transforms hydrocarbon sludge
- ✓ Reduces viscosity
- ✓ Increases flow



Benefits of T1000-DTW

The benefits are:

- ✓ T1000-DTW is unique in its formulation as it is completely **environmentally responsible** whilst combating the hydrocarbon on a molecular level.
- ✓ **Reusable.** Not only does T1000-DTW significantly reduce the impact on the environment through its unique formulation, but as it is reusable many times, it further proves its incredible environmental accreditation.
- ✓ **Low cost.** Traditional tank cleaning is an expensive process with high labour and safety costs as well as significant down time for the tank or infrastructure. T1000-DTW reduces this down time by over 60% as well as costing around 50% of traditional cleaning systems.



Benefits of T1000-DTW

The benefits are:

- ✓ **Safe.** In the USA alone there has been 51 recorded deaths in the last 15 years within the tank cleaning industry. T1000-DTW and the unique cleaning process completely eliminates these safety risks as there is no need for high risk confined space works.
- ✓ **Value adding.** With traditional cleaning methods for the fuel, oil and asphalt sectors, the waste is generally destined for land fill. Using T1000-DTW this waste becomes a reusable or saleable product, thus further increasing the profitability of T1000-DTW and the unique cleaning process.



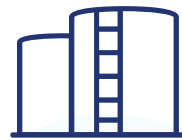
T1000-DTW

Physical Make Up

- ✓ Non toxic
- ✓ No hydrocarbons
- ✓ Non corrosive
- ✓ pH neutral
- ✓ Environmentally friendly ingredients
- ✓ 100% Biodegradable
- ✓ Non Flammable
- ✓ Plant based ingredients – 90% renewable

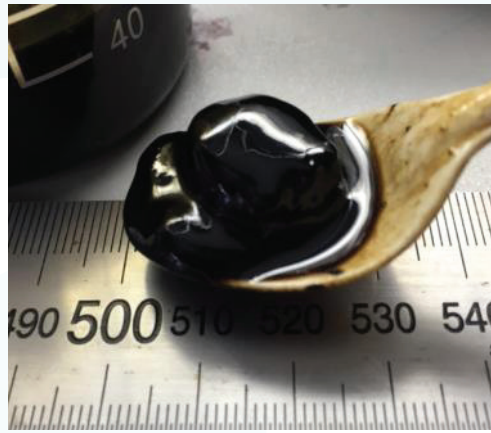
Where Can I Use T1000-DTW

- ✓ Refineries
- ✓ Oil/fuel storage
- ✓ Fuel Tankers
- ✓ Shipping Tankers
- ✓ Bitumen factories
- ✓ Bitumen tanker
- ✓ Oil pipelines
- ✓ Road Tankers
- ✓ Rail Tankers
- ✓ Fuel Supply lines
- ✓ Bitumen pipes

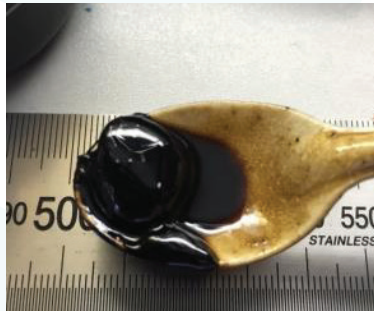


Breaking Down HFO (Heavy Fuel Oil) Lumps and Build-Up with T1000-DTW

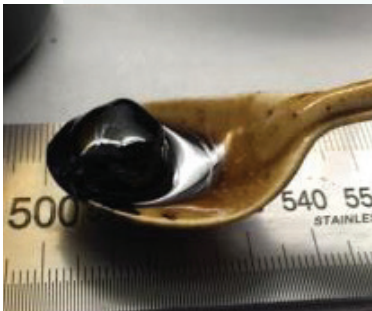
Before T1000-DTW



3 Hours after T1000-DTW



4 Hours after T1000-DTW



5 Hours after T1000-DTW



8 Hours after T1000-DTW



HFO Residue 24 Hours later. Back to reusable HFO that meets specification.

Typical Results T1000-DTW

The Colas Group is a major French civil engineering firm specialising in road construction and rail track construction. They are backed by a workforce of 61,000 people globally.

Traditionally the mobile bitumen spray trucks were cleaned every year by a man entry system. This high risk method was taking up to two weeks to complete and costing over \$15,000 per truck.

Findings:

- ✓ T1000-DTW was introduced to the process in 2016
- ✓ Reduction in costs by over **40%**
- ✓ Reduction in time by over **50%**
- ✓ Near Complete Elimination of site safety risk



Typical Results T1000-DTW

Findings from a no-man entry bituminous / asphalt tank cleaning with T1000-DTW in Singapore.

The tank to be cleaned was 35metres in diameter and 19metres in height. It contained a product that consisted of bitumen / asphalt.

The entire tank needed to be thoroughly cleaned and fit to store diesel, different from the existing use.

The tank had last been cleaned 2 years prior.

Findings:

- ✓ Reduction in manpower of **61%** through the use of T1000-DTW.
- ✓ A **70%** Reduction in the number of days required to complete cleaning the entire tank.
- ✓ No Scaffolding required.



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T1000 - DTW is used successfully for over 15 years in Australia, Malaysia, Singapore, USA, South Africa, and Turkey.

References can be furnished upon request.



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