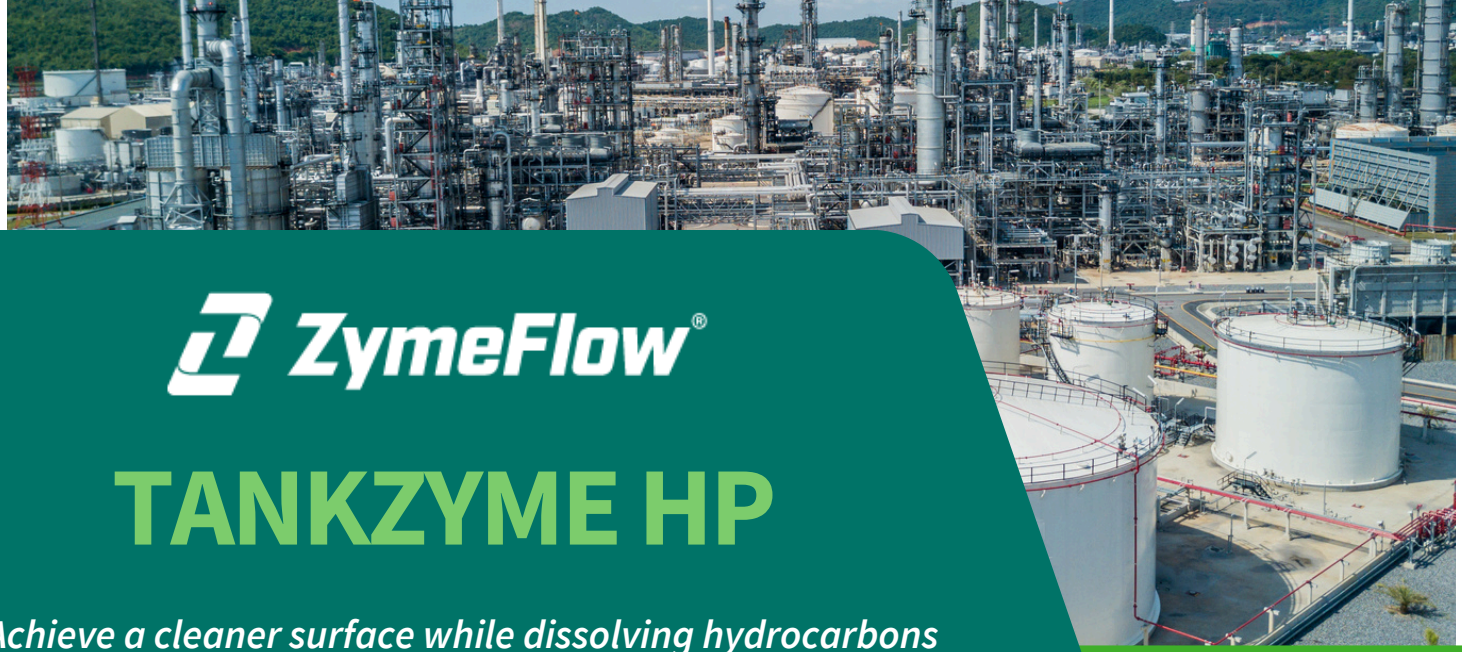

ZymeFlow®

TANKZYME HP

Achieve a cleaner surface while dissolving hydrocarbons

A SAFER METHOD THAN TRADITIONAL SOLVENTS

About TankZyme HP

TankZyme HP is a solvent based internal cleaner that is an additive to a cutter stock at 1-3% dosings and amplifies the dissolution properties of the cutter stock. LCO, diesel, naphtha, kerosene, light sweet crude oil, HVGO, are among the cutter stocks that can be used with TankZyme HP.

The chemistry can easily tolerate temperatures up to 400F. The flash point of the cutter stock dictates the temperature constraints. Asphaltenic materials that have been recovered from tanks or process vessels (such as vacuum tower bottoms or visbreakers or cokers) using cutter stocks with TankZyme HP, can be re-processed via slop oil routing.

Benefits

Effective

TankZyme HP produces a cleaner surface and requires less manned entry hours and available equipment. Hydroblasting is also minimized if complete circulation is made with tank contents.

Low Hazard

TankZyme HP is safe for personnel and the environment and is a less hazardous alternative to common cleaning solvents.

GET IN TOUCH

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A SAFER METHOD THAN TRADITIONAL SOLVENTS

Environmental

TankZyme HP is an internal cleaner that dissolves heavy hydrocarbons and polymeric deposits. It is a less hazardous alternative to common cleaning solvents and produces a cleaner surface while also requiring less manned entry hours. It reduces overall waste disposal and has great product recovery, making it the safer method overall for personnel and the environment.

Ideal Application

1. Analyze tank material sample to set dose and estimated circulation time
2. Inject LCO with TankZyme HP at predetermined ratio into the tank
3. Heat tank to 120F and circulate
4. Assess progress and completion by frequent tank material samples
5. Pump out materials (reclaimed feedstock)
6. Open tank and perform final clean out

Advantages

- Significant cost reduction
- Less cutter stock required
- Minimum manpower & equipment needed
- Feedstock reclamation, less waste generated
- Increased safety
- Minimizes hydroblasting
- Lower LEL personnel exposure

CHEMICAL CORNER

- *Dissolves heavy hydrocarbons and polymeric deposits*
- *Reduces overall waste disposal*
- *Compatible with most common metals & seal/gasket materials*

Safe & Effective

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