

# OIL RESERVOIR CLEANING SOLUTIONS TANKER CLEAN 025

If you would like to decrease consumption of electricity, reduce production time, improve wash quality in the process of tanker cleaning, solve your waste utilization problems and at the same time:



- Reduce the temperature of working solution from 190-200°F to 150-170°F (190-200°F – generally required temperature of cleaning solution applied to reservoirs, cisterns, vessels, etc. 150-170°F - range of working temperature of Tanker Clean 025 cleaning solution)
- Decrease cleaning time by 50% or more.
- Reduce watering of oil products settled in a sump by 10-15 times and to achieve water content of 0.2% in oil and 5.0% in mazut. (In comparison with using 200°F flush water)
- Reduce by 80 - 100 times duration of settle time of oil products in a sump. (Settling time until achieving minimal watering is reduced from 240-300 hours, during which the mix of oil & water has to be heated, to 3 hours.

then you need to utilize our new technology based on environmentally safe DeltaGreen Tanker Clean 025.

## *OJSC Volgotanker. May-December 2002.*

«The purpose of the large-scale testing is to achieve:

- Minimal temperature of the working solution
- Minimal cleaning time of a tanker ship
- Minimal watering of oil products settled in the sump
- Minimal duration of demulsification of oil-water emulsions»

- ... Reduced temperature of cleaning solution Tanker Clean – 025 (work concentration: 1.25-2.5%) and reduced duration of cargo tankers flushing-out provide cleaning quality comparable to flushing-out with water heated to 200°F.
- The cleaning activity of «TankerClean 025» solution by standard of «residual water content in oil (by nefteprokt)», after flushing out tanker and mix separation (cleaning solution plus recovered oil (mazut)) in the cascade sump, remains after flushing tankers with a total capacity of 2,320,174 ft<sup>3</sup>.
- Set goals have been achieved. Tanker Clean is an effective solution for oil and mazut removing from tanker ships and double bottom compartments.

Reagent "DeltaGreen Tanker Clean 025" is a light-green liquid with pH=9.1- 9.9, odorless, non-toxic, non-flammable, non-abrasive, 100% soluble in water, 100% biodegradable, safe for people, safe for animals, safe for plants, safe for fish, does not contain acids or solvents, does not require rinsing, does not leave residue, penetrates and cleans by a chemical reaction, profit-proved, when released into the sewer does not incapacitate treatment facilities of industrial enterprises.

As opposed to traditional technologies and reagents, implementation at your company of our proposals will significantly improve performance of your production in connection with energy conservation (up to 30%), reduction in process cycle time etc., and will put your company in a number of enterprises applying environmentally safe cleaning and degreasing technologies.