

PALLUCID

The next generation surface treatment as an alternative iron phosphate and zinc phosphate technologies

“Superior phosphate alternative technology with excellent corrosion resistance and paint adhesion”

1 No Phosphorous, Nickel and Manganese containing. Reduction amount of heavy metals comparison with the zinc phosphate

Environmental friendly pre-treatment system and to meet severe wastewater regulations

• Nickel(Ni) • Manganese(Mn) 0%	• Phosphate 0%
• Nitrate Approx. 60%	• Fluoride Approx. 50%

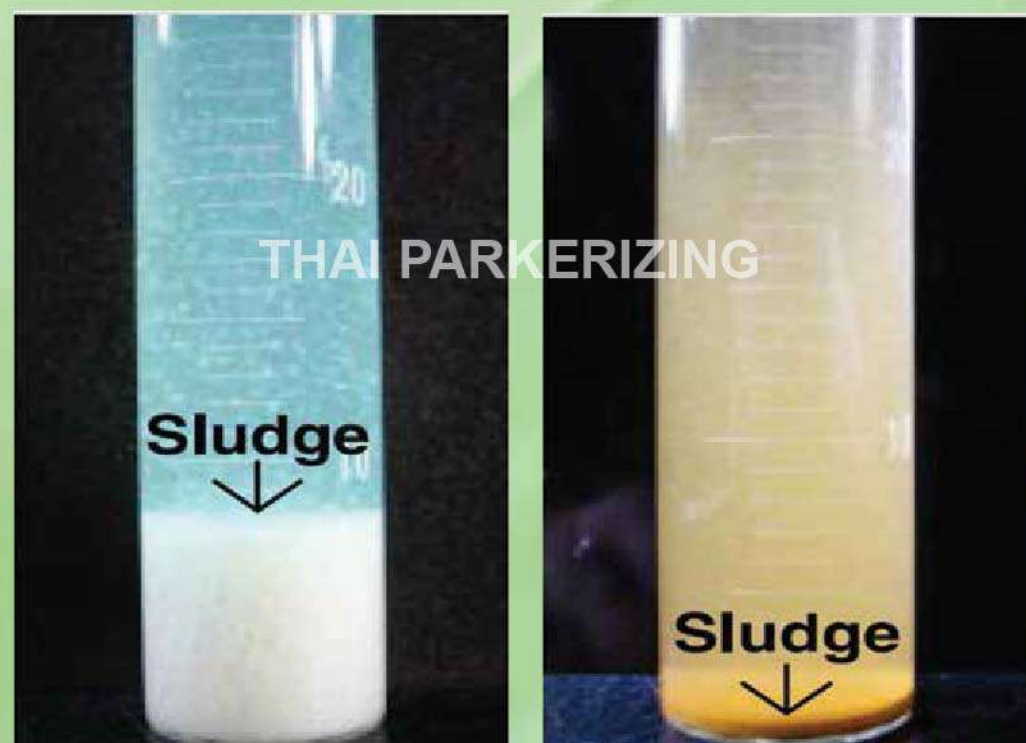
*Comparison data in case of zinc phosphate is 100%



2 Reduction of sludge generation to achieve less than 1/10 of that for zinc phosphate

Sludge as industrial waste can be greatly reduced, saving of cost and environmental load

Zinc phosphate



Benefit to the customers

Various application and high quality

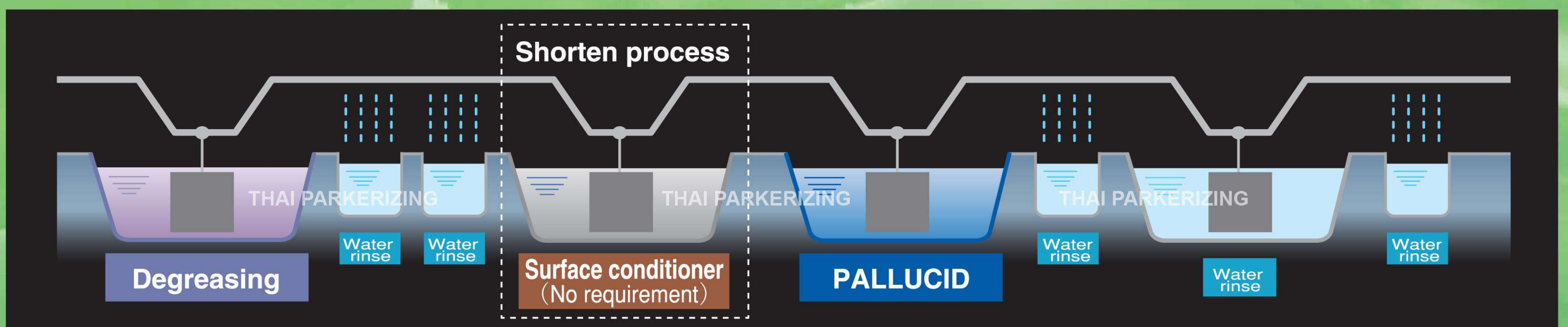
Reduction of environmental load

Total cost reduction

*Although the sludge generation is achieved less than 1/10 against zinc phosphate system, processing bath appearance gets cloudy due to floating iron hydroxide. By using Nihon Parkerizing's sludge removal equipment, turbidity of the bath can be resolved.

3 Shorten process length can be achieved due to no requirement of surface conditioner process

Simultaneously, as no requirement of surface conditioner chemical and water supply, effluent cost reduction can be achieved.



THAI PARKERIZING
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