



LARZIP 30, DAC 900 AND LAC ADDITIVE BA

CLEANERS

CUSTOMER: LARGE INDUSTRIAL MANUFACTURER

Industry/Market: Construction

Product Type: Cleaner and Additives

Product Number: Larzip 30 (4121010000)

DAC900 (480060000) LAC Additive BA (420021000)

Machinery Involved: Jen Fab 7-Stage Washer

Description of Environment: N/A

Volume Used: Larzip 30 (40%) DAC 900

(5%) LAC Additive BA (11%)

Date of Use: May 2016

Documented Cost Savings: \$180,000 (waste water reduction)

Reduced rewash rate from 32% to 16%.



▷ DESCRIPTION OF PROBLEM

Demand for remanufactured engines and transmissions has been growing throughout the years. The fact is that during down turns, when budgets are more limiting, it is far more attractive to purchase a quality remanufactured drivetrain than purchase new. The use of Exhaust Gas Recirculation (EGR) systems, furthermore, has been harsh on EGR exhaust coolers and turbocharger units with carbon deposition to the point that these units have to be swapped out at a given time to maintain optimum efficiency. This has been a great opportunity for “Reman” plants now and in the foreseeable future.

▷ SOLUTION

We used our Liquid Alkaline Rust remover/cleaner Larzip 30 at 40% concentration as our main base cleaner, and fine tuning with a boost of our Detergent Alkaline Cleaner DAC 900 at 5% and our LAC additive BA at 10% to help to facilitate stripping of the troublesome coatings for the first stage. We used Larzip 30 at 40% in stages 3, 4, and 5 maintaining a temperature of 190°F throughout those stages. In stages 6 and 7, we used our liquid rust preventative RPA 500 at 5% ambient temperature.

▷ CUSTOMER TESTIMONIAL

Originally our trial was only supposed to last four weeks, however, performance was so much better than the competition in reducing the weekly rewash rate from 30% to 16%, nearly half, that upper management asked us to have an additional four weeks! The evaluation is currently ongoing, however, we are the clear front runner.