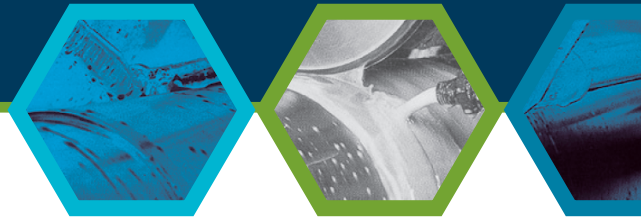


# LARZIP 30

CLEANER

## CUSTOMER: ENGINE REMANUFACTURER



**PRODUCT**

**Larzip 30** is a highly caustic, highly concentrated alkaline cleaner and rust stripper. Larzip 30 is recommended for use on steel substrates. Larzip 30 is also highly effective for carbon removal, rust removal, paint stripping (with a solvent additive –10% Paint Strip Additive) and zinc phosphate removal. Paint removal properties accelerated with the addition of Elimicote Additive PR/LAC Additive BA at 4%-15% The residual films of Larzip 30 can provide flash rust protection for short term in-process corrosion protection for parts in storage and during shipping.

**AFTER**

**PROCESS AND EQUIPMENT**

<b>Industry/Market</b>	Industrial
<b>Product Type</b>	Cleaner
<b>Product Number</b>	4121010000
<b>Machinery Involved</b>	N/A
<b>Description of Environment</b>	Wash tanks within building
<b>Volume Used</b>	Approximately 9,000 litres per year
<b>Date of Use</b>	From early 2014 to present
<b>Documented Cost Savings</b>	N/A

▷ **DESCRIPTION OF PROBLEM**

Removal of rust, carbon deposits, oil and paint from cast iron engine components. Previous competitor products could remove the contamination but rarely lasted greater than two weeks before the performance was compromised.

▷ **SOLUTION**

Components are placed in a wash basket which is then immersed in a solution of Larzip 30 (35% to 60%) and water, at 70°C for approximately ninety minutes, which removes all soiling from components. The Larzip 30 performs well after four or more weeks, with the same level of throughput per week, and the parts exiting the wash system are cleaner than with competitor products. By implementing Larzip 30, the downtime for clean-outs has been reduced and the usage of product is far less.

▷ **CUSTOMER TESTIMONIAL**

Provides effective removal of rust, carbon and oil from components, as part of the remanufacturing process for engines, which are supplied to military and civilian customers.

