



# Case Study inbox

**Project:** Substitution of VCI in favour of desiccant solution

**Company:** Major Swedish Construction Machine producer

**Flow and product:** 40 000 Pallets from (uncoated metal parts) Germany to Sweden

Previous solution		New solution	
Packaging:	Pallet + VCI hood	Packaging:	Pallet + plastic hood
Desiccant:	None	Desiccant:	AbsorGel®Pouch-X 100 gr.
Damages:	Heavy corrosion Blasting required (re-work)	Damages:	No corrosion No re-work needed
Cost for corrosion preventive solution:		Cost for corrosion preventive solution:	
VCI Hood:	€3,00/pallet	PE-plastic hood	€1,00
<b>Total:</b>	<b>€3,00</b>	AbsorGel®Pouch-X	€0,80
Annual cost:	€120,000	<b>Total:</b>	<b>€1,80</b>
		Annual cost:	€72,000
<b>Accomplishments:</b> <ul style="list-style-type: none"> <li>• Annual saving €48,000 (Not including cost for blasting)</li> <li>• Productivity gain 40%</li> <li>• Next step Reduce Plastic</li> </ul>			





# Case Study Container

**Project:** Improve shipping productivity / reduce costs

**Company:** Major German Automotive OEM – Commercial vehicles

**Flow and product:** 7.000 x 40ft Container CKD parts from Germany to NAM/SAM

Previous solution		New solution	
Packaging:	metal racks/lattice boxes + VCI wrapping	Packaging:	metal racks/lattice boxes + VCI wrapping
Desiccant:	None	Desiccant:	AbsorGel®Horizontal 2 kg.
Damages:	Heavy corrosion Blasting required (re-work) High labour costs	Damages:	No corrosion No re-work needed
Cost for corrosion preventive solution:		Cost for corrosion preventive solution:	
Re-work costs :	€ 1500,00/Container	AbsorGel®Horizontal 2 kg	€ 80,00/container
Damage rate:	20%	Annual cost:	€ 560.000
<b>Damage:</b>	<b>1.400 container x € 1.500</b>		
Annual cost:	€ 2.100.000		
<b>Accomplishments:</b>			
• Annual saving	€ 1.540.000		
• Next step	Reduce VCI Foil		

