



**SURFACE PREPARATION PRODUCTS**



# CASE HISTORY

## Bharathbenz Engine Block and Head Preservation



### LOCATION

Coimbatore, South India

### PRODUCTS

- VpCI®-377
- VpCI®-419
- VpCI®-126 Blue

### PROBLEM

Daimler Benz expected the customer to send the machined “Bharathbenz” Truck engine block and head from Coimbatore to the Chennai Daimler plant in a dry, rust-free, clean, and ready-to-assemble condition.

### APPLICATION

Cortec’s VpCI®-419 cleaner and degreaser diluted to 3% with potable water was applied to the engine head and block, followed by a cleaning with VpCI®-419. After this, VpCI®-377, a water-based rust preventive, was applied at 10% with potable water. The treated engine block was placed inside the fabricated VpCI®-126 Blue Film and sealed ready for shipment.

### DATE

February 2013

### CORTEC® REPRESENTATIVE

Cortec® Corrosion Solutions India Pvt Ltd

### DISTRIBUTOR

Vertex Corrotech Solutions Pvt Ltd

### CUSTOMER

Craftsman Automation



## CONCLUSION

This process left the engine block and head ready to use with no cleaning required. It could be easily kept inside the container slots and shipped to Chennai overnight. If required, the engine block and head could be painted. The products were safe and environmentally friendly, and the VpCI®-126 bags can be reused. Daimler Benz received the engine block and head in ready to assemble condition. Craftsman Automation has clearly told Daimler Benz that they would like to use only Cortec® in order to ensure total corrosion control.

