

CASE HISTORY

Restoration of Rejected Valve Inserts



DATE

May 2013

CUSTOMER

Magna Electro Castings Limited

CORTEC® REPRESENTATIVE

Cortec® Corrosion Solutions India Pvt Ltd

DISTRIBUTOR

Vertex Corrotech Solutions Pvt Ltd

LOCATION

Coimbatore, India

PRODUCTS

VpCI®-426

VpCI®-419

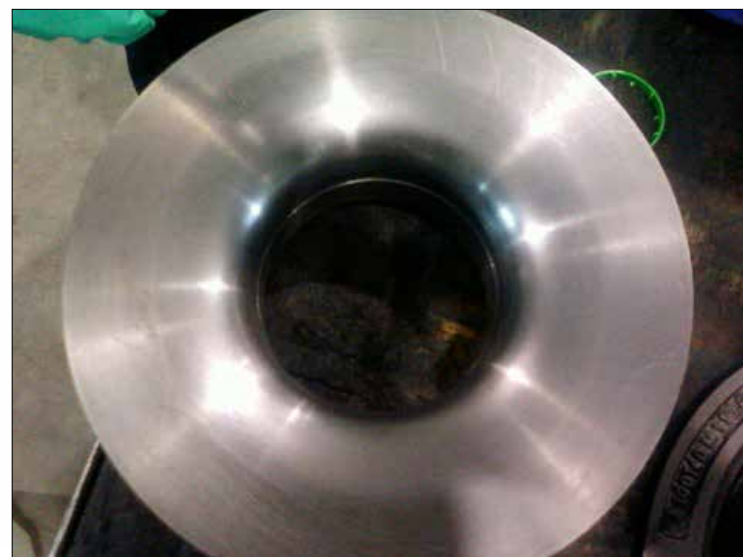
VpCI®-369 N5

PROBLEM

Magna used Rustlick 631 on approximately 420 valve inserts (Turbocharger's spare) sent to ABB at Chennai. The parts were rejected because of rust, so Magna began looking for a speedy process to remove, clean, and prevent rust.

APPLICATION

An assembly line process was developed in which the parts were dipped in four tubs: VpCI®-426 rust remover, water, VpCI®-419 neutralizer, and VpCI®-369 N5 rust preventive. The total cleaning time per piece was only two minutes.



Environmentally Safe VpCI®/MCI® Technologies

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CONCLUSION

The cleaned parts looked as good as new. VpCI®-369 N5, which can protect parts from rust under sheltered conditions for three months and in outdoor conditions for one month, enabled the parts to reach ABB without any rust. Magna was very happy that the task was completed within three days and thanked Cortec® for the valuable technical support and service.

