

Automobile Industry

CASE STUDY

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Key Facts

Sector	Automobile
Category	Investigation on Front wheel hub of bikes

Problem

Tarnishing Of Lacquer Coating On Front Wheel Hub Of Bikes

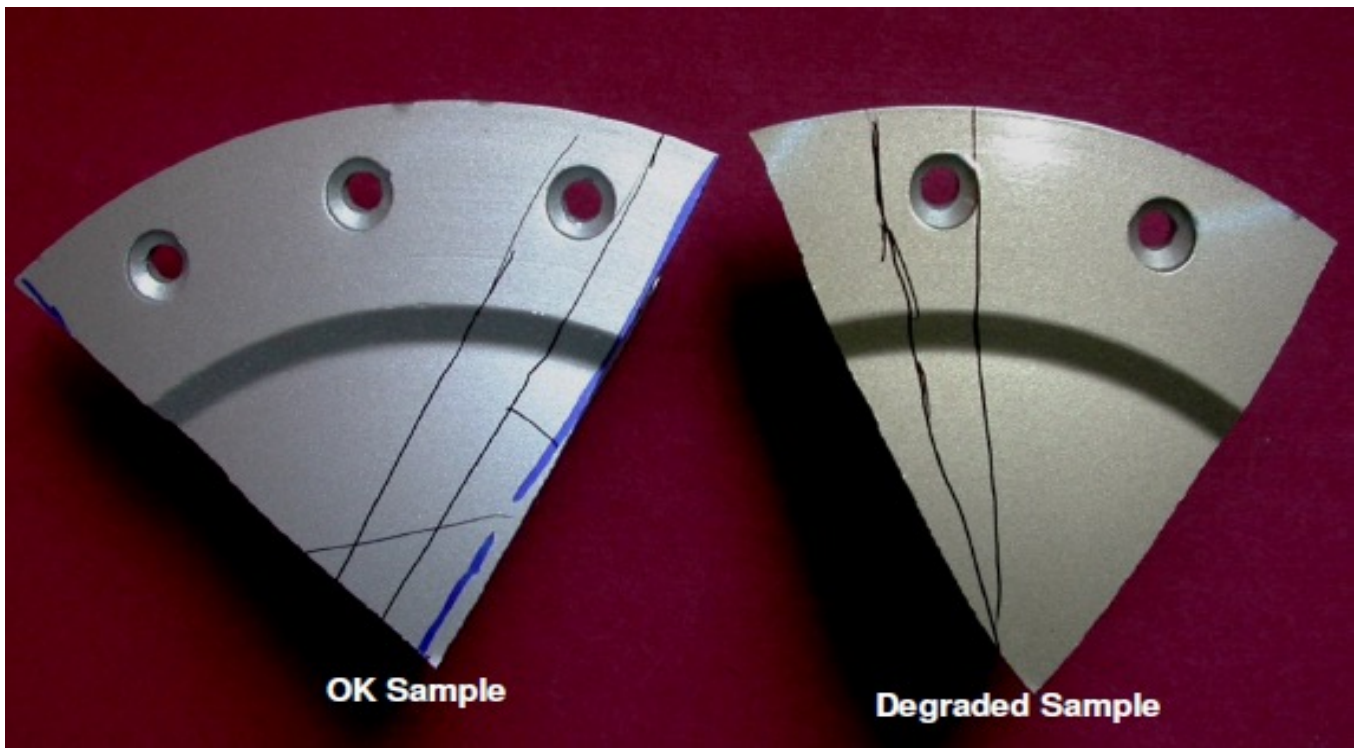


Diagnosis

The Volatile amine compounds from VCI paper and rubber parts used in packing have reacted with the acrylic coating in closed environment of plastic bag.

This initiated the formation of photo sensitive products on the acrylic layer.

Due to the exposure to sunlight while assembling, it initiated degradation of lacquer coating which has resulted in yellowish appearance of front wheel hub.



Solution/Recommendations

- VCI paper and Rubber pads shall be free from volatile amines and phenols.
- If possible alternative packing arrangement shall be worked out in consultation with experts.
- It is recommended to make series of experiments to establish the exact cause of the problem.

Contact Us

If you are interested to learn more about TCR Advanced,
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