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Author: Richard Hancock  
Date: 11<sup>th</sup> April 2012



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## **Packaging Trial using INTERCEPT® 2 Gusseted Bag**

**at**

**Ford Motor Company Limited  
Bridgend Engine Plant  
Waterton Industrial Estate  
Bridgend  
CF31 3PJ  
Wales**

Date: 21<sup>st</sup> February 2012

**Updated 11<sup>th</sup> April 2012**

Trial undertaken by:

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## Introduction

- The trial was arranged to evaluate the functionality of the STATIC INTERCEPT® product for the supply of Con Rods to Ford India
- The Con Rods showed some residue staining from washing but no rust was evident

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## Technical Information

### Packaging Method:

STATIC INTERCEPT® 2, 80 µm, gusseted bag (2 year protection)

### Packaging Material:

INTERCEPT® 2, 80 µm 1,250mm x 1,050mm x 2,250mm gusseted bag

Desiccants type: Topdry DIN 55473-B, ½ unit desiccant bag

### Product tested:

- Con Rods

**Metal types:** Unspecified, dry no oiling

**Test period:** To be despatched to Ford India in approx 3 weeks, opened and examined. Photos to be taken and comment by Ford India to update trial report

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## Documentation

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### Existing Packaging Process

- Oil is applied to each Con Rod by threading through a metal bar and dipping in oil bath



- VCI bag used on inside of corrugated box
- VCI sheets are cut and placed between each of the 9 layers of product

**Trial date:** 21<sup>st</sup> February 2012



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## Packaging Process

Product was packed in the existing packing area next to the oiling lines

Ford standard issue gloves were used during packing of product

## Con Rods

- INTERCEPT® 2, 80 µm 1,250mm x 1,050mm x 2,250mm gusseted bag
- Topdry DIN 55473-B, ½ unit desiccant bags placed on top of each layer
- Open bag end was taped closed before the corrugated lid was located



- Slits were punched out of the existing corrugated dividers to allow air circulation
- Con rods packed tightly on each layer

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- A rack of Con Rods was brought from the production area
- There was not enough products to complete the trial packing – so the top layer was supplemented by product already in the packing area. An additional black mark (using a paint-marker pen) was used to identify the products





- The first layer of product was packed directly on the Intercept® 2



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- Top layer, bag folded over and taped closed



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### Next Step

- Box to be sent to Ford India for evaluation
- Richard Hancock to be supplied with contact name at Ford India

### Update 11<sup>th</sup> April 2012

- Visit requested and made by Richard Hancock and Nick Hancock on 29<sup>th</sup> March to open box and inspect (Homayoun Parvini & Kieran Griffin present)
- No rust evident on top layer of product
- Box resealed



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- Request made by Richard Hancock to change desiccant on top layer of box before trial box despatched. Visit made on 3<sup>rd</sup> April by Nick Hancock to change desiccant - Homayoun Parvini declined the request to allow desiccant to be changed

COMPtrade Technologies GmbH would like to say thank you to all participants for their cooperation as well as for the permission from Mr Hommie Parvini to take photographs with the intention to complete our documentation

This documentation is confidential and is only to be submitted to parties on a need-to-know-basis

*Richard Hancock*