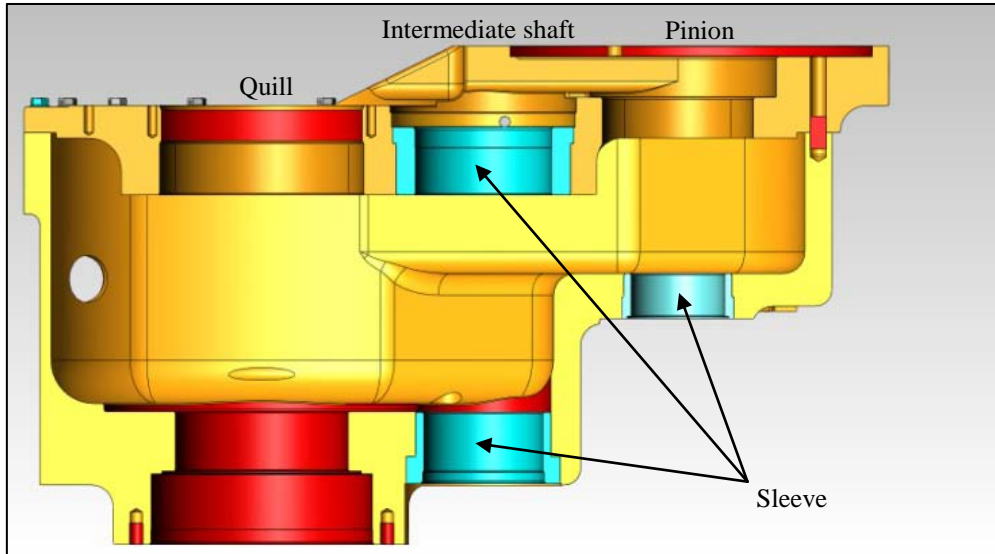


<b>Technical Bulletin</b>			 <p>Tesco Corporation 5616 – 80th Avenue SE Calgary, Alberta, Canada T2C 4N5 Tel: 1-877-TESCO-77 (North America) Tel: 1 (713) 359-7195 (AMSS 24-hour support) Tel: 1 (713) 359-7295 (International) Email: <a href="mailto:bulletins@tescocorp.com">bulletins@tescocorp.com</a> <a href="http://www.tescocorp.com">www.tescocorp.com</a> <a href="http://www.tescoparts.com">www.tescoparts.com</a></p>
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<b>Pre-Sleeving of the EMI-400 Gearbox</b>			

**BACKGROUND INFORMATION:**

To facilitate the maintenance of the EMI-400 top drive, TESCO has pre-sleeved the EMI-400 gearbox during the manufacturing process. This allows sleeves to be replaced and bored to final dimensions as future EMI-400 gearboxes go into field service.



**Figure 1: EMI-400 gearbox showing pre-sleeved bores**

Figure 1 shows three pre-sleeved bearing bores: the upper intermediate shaft bearing bore, lower intermediate shaft bearing bore, and lower pinion bearing bore.

Reference the following documents for more information:

- ECN-141-0098
- 810132 – Gearbox, Machined, 250-EMI-400
- 810216 – Gearbox, Machined, 150-EMI-400
- 1410141 – Sleeve, Upper Intermediate Shaft, Gearbox, EMI-400
- 1410142 – Sleeve, Lower Intermediate Shaft, Gearbox, EMI-400
- 1410401 – Sleeve, Pinion, Gearbox, EMI-400

**AFFECTED PRODUCT:**

150-EMI-400 and 250-EMI-400 Top Drives manufactured after March 2009.

Pre-sleeving gearboxes for EMI Top Drives manufactured prior to March 2009 is not required. However, they can be pre-sleeved as per drawing 810132 and 810216, if necessary.

**ACTION REQUIRED:**

None required. This bulletin is for information purposes only.

Version	Date (D/M/Y)	ECN	Description of Bulletin Changes
Rev 0	17/05/2011	141-0098	Initial release of document