

Technical Bulletin			 <p>Tesco Corporation 3993 W. Sam Houston Pkwy N., Suite 100 Houston, Texas 77043 Tel: 1-877-TESCO-77 (North America) Tel: (713) 359-7295 (International) Email: bulletins@tescocorp.com www.tescocorp.com www.tescoparts.com</p>
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250T-HMIS-475HP Quill Fatigue Crack			

BACKGROUND INFORMATION:

This Technical Bulletin supplements the previously issued Technical Bulletins TB077 and TB081 on the same subject matter (“Previous Bulletins”). The Previous Bulletins alerted customers, renters and users to the possible occurrence of cracks in the load nut grooves on the quill of the 250T HMI 475HP Top Drive and advised, among other things, more frequent service inspections and the importance of maintaining alignment. TESCO has conducted destructive tests in accordance with API 8c to confirm load ratings and wishes to report those findings in this Technical Bulletin.

AFFECTED PRODUCT:

All 250T HMI 475HP Top Drive (“Top Drive”) units up to and including unit number 905.

OBSERVATIONS:

TESCO has conducted destructive tests in accordance with API 8c to re-confirm the static load ratings of the original quill design as well as confirming the static load rating of the new quill design that incorporates modifications to the quill load nut grooves and load nut inner split halves. The results of these tests confirm TESCO’s ratings of 209 Tons static hoisting load through the NC40 pin and 250 Tons static hoisting load through the load collar for both the original and modified designs.