

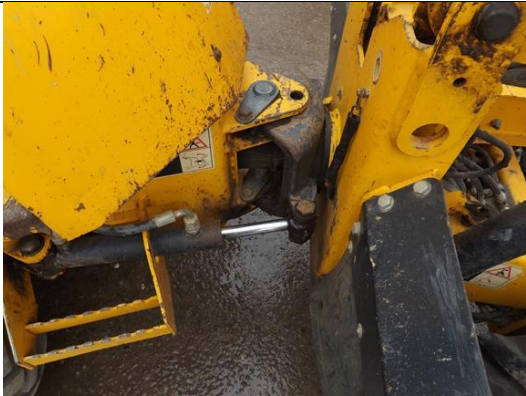



Technical Bulletin No: 18-2015

Title:	1 Tonne Dumper Steering Lock		
Priority	 	Red – Audit Rating: Non-Conformance-Major	
Legislation:	PUWER, HASWA S6		
Brief Description:	Thwaites 1 tonne hydrostatic dumpers have a locking pin arrangement to prevent articulation of the machine during service, repair and transportation. The operation of this lock requires checking as part of normal service procedures. This is referred to as the Chassis Locking Pin by the manufacturer.		
Equipment Affected:	Thwaites 1 tonne hydrostatic dumpers and other machines equipped with articulation locks		
<p>During SafeHire audits it has been identified that a number of Thwaites dumper articulation locks (part of the oscillating hitch assembly) cannot be used. This is either due to debris build up, missing parts or wear in the pivots which prevents the bores aligning for locking pin engagement. The manufacturer operator safety instructions require this pivot to be locked before transportation and for service activities.</p>			
1 – pin not fully engaged due to debris build up		2- bearing / pin wear preventing alignment of bore	
			
3 –Locking pin missing		4 – Extract from operators handbook	
			
Recommended Actions:	<ul style="list-style-type: none"> • Ensure safety locks, steering locks and safety struts are in place • Check that locks and struts operate correctly • Review operators handbook regarding safety features and their operation • Ensure service check-lists include these items • Review loading procedures for equipment of this nature • Missing safety critical components should be replaced with manufacturer specification items 		
Circulation:	workshops, mobile service and management team		

Title:	Dumper Articulation Lock Checks	Bulletin Number:	18-2015	Creation Date:	30/11/2015
Authors:	TfH Ltd	Reviewed by:	HAE Technical H&S Panel Dec15	Revision:	V1.1