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Recommended Maintenance schedule for Kissling Gearbox "Lift" Reducers 					
<p>These are general recommendations and are not lift specific.            Please consult with the specific maintenance guidelines of the given instruction manual.</p> <p><b>Description of work</b></p>	<b>Daily Checks</b>				
	Every 1'000 operating hours				
	Every 6'000 operating hours				
	Every 12'000 operating hours				
<b>Gearbox</b>					<b>Remarks</b>
Check drive group for leaks	X	X	X	X	
Check all important bolt connections		X	X	X	
Check gearbox anchoring		X	X	X	
Check alignment of gearbox - driving machine			X	X	In uncoupled condition
Check load tooth bearing pattern bevel gear stage			X	X	
Check bevel gear rotors visually			X	X	
Change all roller bearings				X	<i>by qualified Kissling representative for warrantee and insurance protection</i>
Inspection of planet shafts and central bearing				X	<i>by qualified Kissling representative for warrantee and insurance protection</i>
Dismantling, visual and NDT (DP, MPT or UT) inspection of all key gearbox components				X	<i>By qualified Kissling representative for warrantee and insurance protection</i>
<b>Lubrication and monitoring system</b>					
Record operating data	X	X	X	X	In operating condition
Check operating data	X	X	X	X	
Check oil level	X	X	X	X	
Check Δp of lube oil filter (if not monitored)	X	X	X	X	Indication
Check lubrication unit for leaks	X	X	X	X	In operating condition
Lube oil filter check, clean or replace if required		X	X	X	According to supplier
Air filter check, clean/replace if required (if applicable)		X	X	X	According to supplier
Check all important bolt connections		X	X	X	
Check lube oil for water content / contamination		X	X	X	
Analysis of lube oil			X	X	By customer / supplier 2 times per year
Check of instruments and interlocks (if applicable)			X	X	
Record and check setting points data			X	X	
Change lubricant				X	According to supplier
Check lube oil change (according to analysis)				X	According to supplier
Maintenance of components (motors, instruments, etc.)				X	According to supplier
<b>Couplings</b>					
Check and balance disk brakes and all important bolt connections			X	X	
Maintenance according to manufacturer				X	According to supplier
<b>Miscellaneous</b>					
Quick check of the whole drive group	X	X	X	X	
Inspection of spare parts / spare gearbox				X	
Inspection of parts from sub suppliers				X	According to supplier