UNDERSTANDING PIN AND BUSHING WEAR AND HOW TO AVOID IT

THE CAUSE
Inadequate lubrication

Grease separation
Caused by low quality grease, bad storage conditions...

Contamination
Caused by open lube points, lack of greasing...

THE CONSEQUENCE
Increased repair and replacement costs

Inadequate lubrication will restrict the movement of the pin by increasing friction

Good bushing
Worn bushing
Affected frame

When the bushing material is worn away, the pin starts digging into the steel structure of the equipment.

THE SOLUTION
Automatic lubrication

An automatic lubrication system will avoid the repair and/or replacement of pins and bushings.

MANUAL VS AUTOMATIC

Automatic
Accurate dosing of lubricant, at regular intervals
Permanent purging of contamination
Increased equipment life
Reduced maintenance costs

Inaccurate dosing of lubricant, at irregular times
Only part of the pin is coated since lubricant is applied while the pin/bushing is not moving
No purging of contamination
Increased maintenance costs
Reduced equipment life

Increased repair costs
New pin and bushing set

Repair costs
Line boring, welding...

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