

Take 5

5 tips to **REDUCE SCREEN WEAR**

*Plagued by premature screen failure?
Here are some tips to extend the life of your screens...*

1

ISSUE: Loose bolt or clamp ring . A loose bolt or clamp means the screen's tension is compromised.

SOLUTION: A good rule of thumb is to tighten bolts and rings after every couple of hours of run time.

2

ISSUE: Screen fatigue. Fatigue will compromise screen tension and cause wire breakage.

SOLUTION: Check the tautness of the screen and check for wire breakage.

3

ISSUE: Product roping. Often seen on round screens, roping is the result of product collecting along the screen edge. This constant accumulation will cause the screen to wear prematurely at the edge.

SOLUTION: Check the angle of the counterweight. Another solution is to request a silicone dam around the perimeter of the screen; this reduces the volume weight before discharge.

4

ISSUE: Corrosion. This can occur for several reasons, such as an abrasive application feeding onto the same spot on a screen consistently. Using the wrong alloy for the application can also cause corrosion.

SOLUTION: Switch to a feeder that spreads out the material being fed onto the screen. Another solution may be to consider the material being screened vis-à-vis the screen material itself. For example, high carbon screens should not be used in wet applications, as the screens can rust.

5

ISSUE: Over-or-under tensioning. Like loose bolts, when tension is not at the optimal level, screen tension is compromised.

SOLUTION: Ensure correct tension throughout the life of the

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