

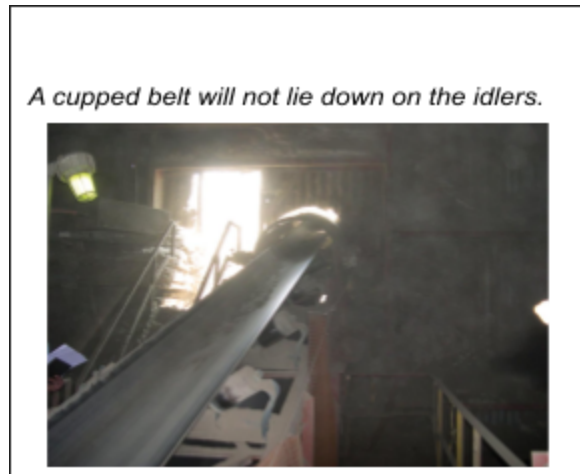


Conveyor Belt Cupping

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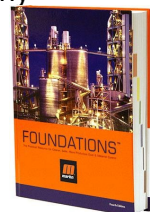
In this instance, the damage does not necessarily pose any greater risk of tearing or otherwise compromising the belt, but it does drastically reduce the usefulness of the belt. Regardless of what direction the cupping occurs, such a belt will suddenly have much less contact with rollers, making it extremely difficult to keep it moving reliably and on course.



With downward cupping, the belt is also much more likely to lose materials.

Belt cupping can be caused by a variety of different stressors, ranging from intense heat to overly steep idler troughs to chemicals that cause the contraction or expansion of the belt cover. In certain instances excessive tension in the belt can cause it to curl, which can prove particularly troublesome when the top cover and bottom cover are poorly matched.

More on belt cupping can be found in Chapter 4 of FOUNDATIONS™ Fourth Edition by Martin Engineering.





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