## WORTHINGTON INDUSTRIES

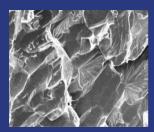
Learn how our Material Support & Solutions team solved this customer material issue:

# FORMABILITY ISSUE



#### THE PROBLEM:

Deep drawn parts were sporadically cracking in the corners resulting in excessive scrap but all material specifications were being met.



#### THE ANALYSIS:

Worthington metallurgists evaluated the cracking mechanism, chemistry, microstructure and mechanical properties.



#### THE SOLUTION:

Cracking was eliminated by increasing lubricity with a dry film lubricant and addressing Secondary Cold Work Embrittlement (SCWE) with chemistry modifications.

#### THE ACTION:

*If you want help finding a cost-effective solution for cracking in a deep drawn part, contact the Material Support & Solutions team at Worthington.* 

### CALL US AT 1-800-944-2255

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