

### Application Information

<b>Applications:</b>	Saw and Drill Presses
<b>Metals Being Machined:</b>	Steel and stainless steel bar stock
<b>Machine/Tooling Type:</b>	DoAll Saw
<b>Filtration:</b>	None
<b>Oil Separation Equipment:</b>	None
<b>Water Source:</b>	Well water, 300+ ppm hardness
<b>Blue Star Product:</b>	Blue Cool S2420 @ 6.0%
<b>Competitive Product:</b>	Castrol Safety-Cool 995 @ 8-10%

### Customer Scenario:






Customer uses DoAll saw to cut bar stock (steel and stainless steel) for production use. The Castrol coolant required monthly change-outs because of rancid odors. Additional performance issues included short blade life (two weeks) and tacky residues.

### Customer Benefits

After converting to Blue Cool S2420, performance improvements were immediately evident. Saw operators reported the saw was cutting with significantly reduced noise, indicating improved lubricity of the coolant. The Production manager commented when he walked up to the operation, he didn't know the saw cutting at the time because he heard no squealing from the blade. Operators also stated there is no longer any sticky residue, which makes it much easier to work with the bar stock. When asked about blade life, the Plant Manager acknowledged that they were achieving at least 75-100% increase in blade life. Operators reported that the blade was cutting as good after three weeks as it did when new. Furthermore, troublesome odor issues were eliminated.



#### Customer Benefits

-  Eliminated odors
-  Eliminated residues
-  Improved noise control
-  Blade savings (75-100% increase in blade life)
-  Improved productivity