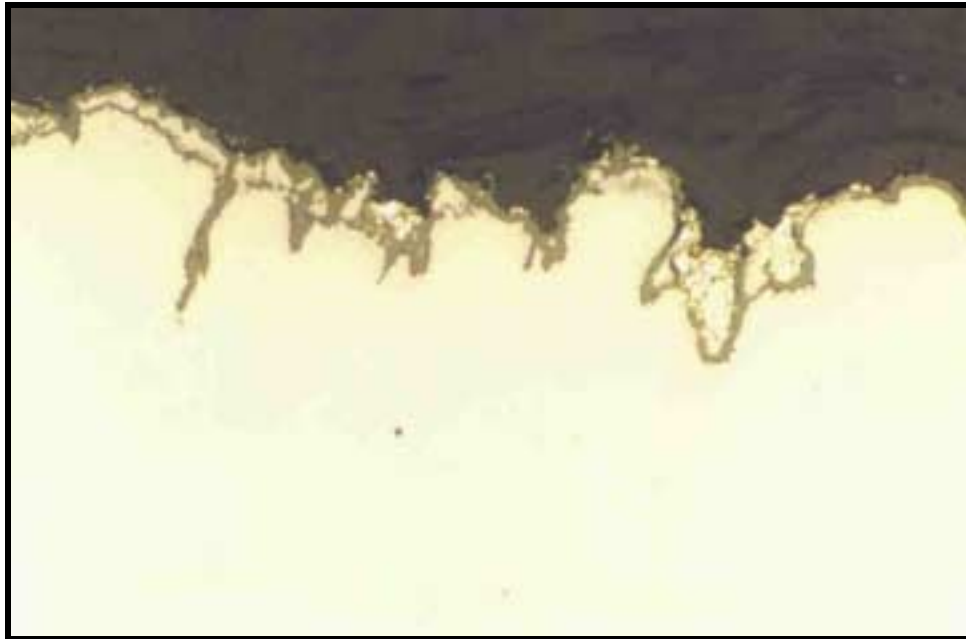


MetPrep Preparation Procedure – No 10



Oxide Morphology of Steel Fracture Face

	Surface	Abrasive	Pressure		Speed – Dir	Time
Primary Grinding Stage	Paper	P240g SiC	Psi	N	150 – Comp	Until Planar
			5	25		

	Surface	Abrasive	Pressure		Speed – Dir	Time
Additional Grinding Stages	Planocloth H	9 μm (WB) Diamond	Psi	N	250 – Comp	5 mins
			5	25		
	Durasilk	3 μm (WB) Diamond	5	25	250- Comp	4 mins

	Surface	Abrasive	Pressure		Speed – Dir	Time
Polishing Stage	Memphis	0.25μm (WB) Diamond	Psi	N	80 – Comp	2 mins
			3	15		