

Inspection Results

1.) Plate Wear Diagnosis...

#9/10 10PM 800hp/600rpm

11 PM 800hp/600rpm

Both Refiner have same disks

9/10 is a Model DD 4338S

It has a 38" rotor with rings to accept 34" disks.

Quill has a rotor lock devise installed but not used

11 is a Model DD 4334H

It has a 34" rotor with high flow inlet out let flanges.

Refiner disk info 34EJ 133/134 Pattern Code 2.2,3.0,4.6,+,-,8.8 deg C-90

Trial disk at Wausau 34EJ 207/208 Pattern Code ???? C-90

All disk show more wear on 3 and 4 than 1 and 2 because grease in couplings

*SPLINE UPGRADES AND MAINTENANCES
PERFORMED IN 2006/2007*



Inspection Summary Report

	Inspection Results		Comments
	#9/10	#11	
Visual Inspection			
Base Housing	Good	Good	
Adjusting Mech. Housing	Good	good	
Bearing Housing	High	Good	Remove shims at next shutdown
Plate Wear	Good	good	
Lubrication Level			
Rotating Assembly	Good	Good	Fill to proper level
Adjusting Mechanism	Low	Good	
Coupling	Grease	Grease	Oil is recommended.
Door Closure Surface			
Surface Condition	Good	Good	
Threaded holes	Good	Good	
Alignment (Unit Tram)			
12:00 (Zero point)	0.000"	0.000"	
3:00	+0.015"	+0.004"	
6:00	+0.018"	+0.002"	
9:00	+0.002"	+0.001"	
Recommended Allowable Run-out	0.003" -(16-38") .005" - (54")	.004" -(42")	
Rotor Run-out			
T.I.R.			
Recommended Allowable Run-out	.003" - (16-26") .005" - (42")	.004" (30-38") .007" - (54")	
Hub Face Run-out			
T.I.R.			
Recommended Allowable Run-out	0.001"		
Hub Fit			
T.I.R.			
Recommended Allowable Run-out	0.002"		
Refiner Plate Mounting Surfaces			
Inspection Results	Good	good	
Adjusting Mechanism			
Housing	Both refiner in good condition		
Grease fittings	OK		
Shear Pin	OK		
Clutch Coupling	OK		
Backlash	2	2	
	(Ref: new condition is 3/4 turn)		

