

South 32 Marradong - Primary

Conveyor Name/No.: OLC

Splice XX-YY

Installation Date **7-Feb-12**

Belt Width (mm) **1400**

Date Last Tested **18-Aug-20**

Temperature **16**

Calibration Thickness **22**

Velocity **1614**

Original Belt Thickness (mm) **21.5**

Belt Spec. **ST3500**

Orig. Top Cover Thickness (mm) **8.0**

Original Bottom Cover Thickness (mm) **6.0**

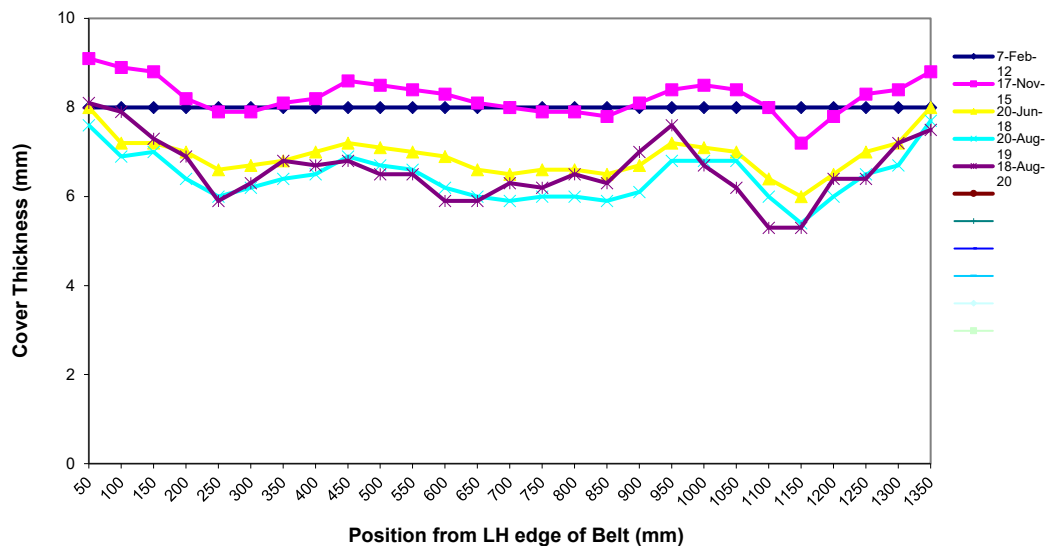
Position Tested **2m after Splice 2**

Number Inspections / Year **1**

Manufacturer
IMAS
UAR Covers

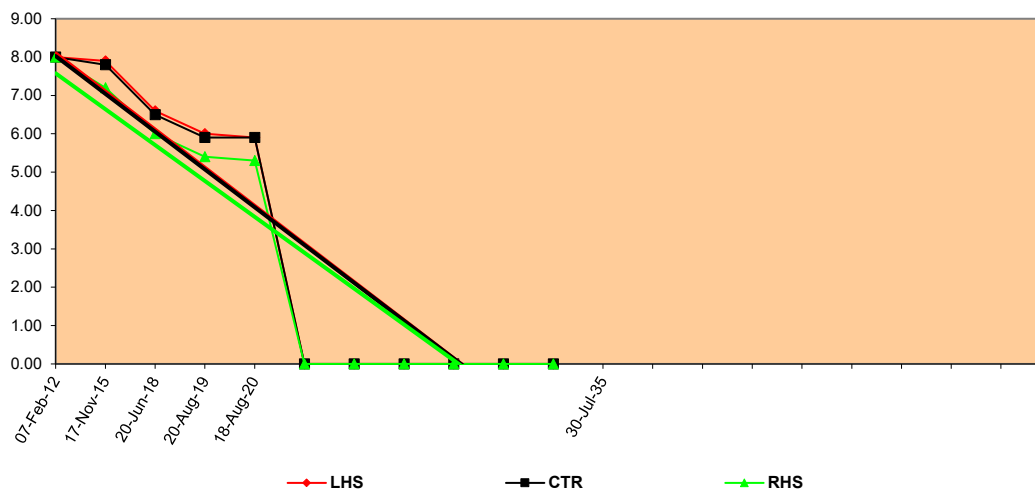
21096

Top Cover



Minimum Top Cover [mm] **5.3** at location **Multiple**

Analysis of Minimum Top Cover Readings



Nominated Change-out Thickness **4.0** mm

Forecasted Date to Nominated Thickness **22-Feb-24**

Forecasted Date to Reach 3mm **28-May-26**

Forecasted Date to Reach 1mm **01-Dec-29**

Worst Case Wear Rates [mm / Month]

Interval **0.06mm/month** at location **Multiple**

Life **0.03mm/month** at location **Multiple**

Belt life based on interval wear rate **04-Feb-22**

Belt life based on life wear rate **04-Feb-22**

Splice XX-YY

Lengths on
Belt Map are a

Comments	
Top Cover	Bot Cover

Location: Primary

Number Inspections / Year	1
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Belt life based on total life wear rate 04-Feb-22

Top Cover		Bot Cover	
LHS	minor skirt wear	LHS	good
CTR	pitting and gouging	CTR	good
RHS	heavy skirt wear	RHS	good
LHS Edge	good	RHS Edge	good
Splice dimpling at abutment joints			

**Lengths on
Belt Map are a
guide ONLY!**

Previous Test Results

 OLC							Velocity =		1614		
							Tested By =		David		
							Cal Thickness =		21.9		
							Temp =		16		
Top Cover											
	INSTALLED	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
Distance from LHS	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL
Date	7-Feb-12	17-Nov-15	20-Jun-18	20-Aug-19	18-Aug-20						
50	8.00	9.10	8.00	7.60	8.10						
100	8.00	8.90	7.20	6.90	7.90						
150	8.00	8.80	7.20	7.00	7.30						
200	8.00	8.20	7.00	6.40	6.90						
250	8.00	7.90	6.60	6.00	5.90						
300	8.00	7.90	6.70	6.20	6.30						
350	8.00	8.10	6.80	6.40	6.80						
400	8.00	8.20	7.00	6.50	6.70						
450	8.00	8.60	7.20	6.90	6.80						
500	8.00	8.50	7.10	6.70	6.50						
550	8.00	8.40	7.00	6.60	6.50						
600	8.00	8.30	6.90	6.20	5.90						
650	8.00	8.10	6.60	6.00	5.90						
700	8.00	8.00	6.50	5.90	6.30						
750	8.00	7.90	6.60	6.00	6.20						
800	8.00	7.90	6.60	6.00	6.50						
850	8.00	7.80	6.50	5.90	6.30						
900	8.00	8.10	6.70	6.10	7.00						
950	8.00	8.40	7.20	6.80	7.60						
1000	8.00	8.50	7.10	6.80	6.70						
1050	8.00	8.40	7.00	6.80	6.20						
1100	8.00	8.00	6.40	6.00	5.30						1100
1150	8.00	7.20	6.00	5.40	5.30						1150
1200	8.00	7.80	6.50	6.00	6.40						
1250	8.00	8.30	7.00	6.50	6.40						
1300	8.00	8.40	7.20	6.70	7.20						
1350	8.00	8.80	8.00	7.70	7.50						
											Multiple