

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 **15**

Calibration Thickness **22**

Velocity **1603**

Original Belt Thickness (mm) **21.5**

Belt Spec. **ST3500**

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

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

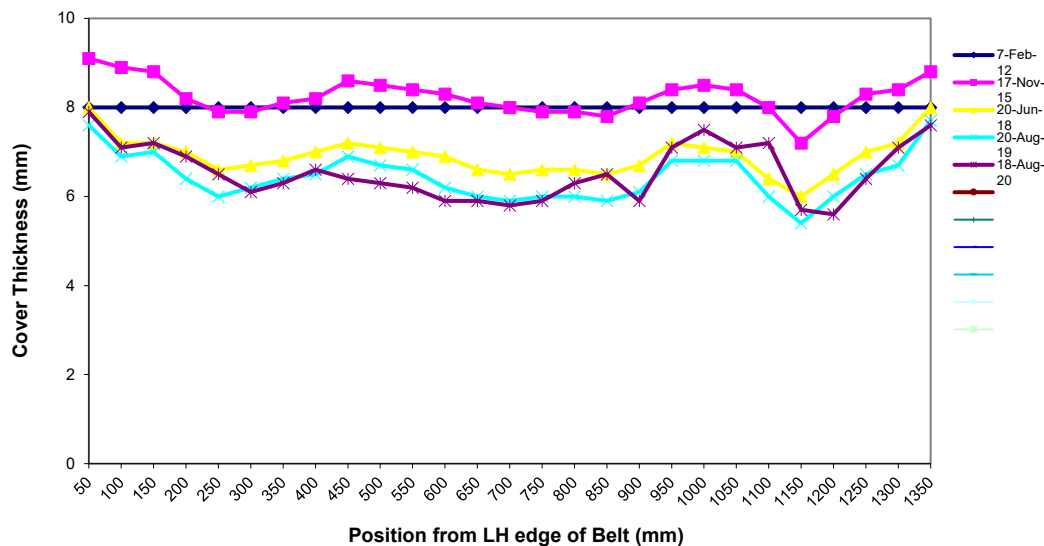
Position Tested **2m after Splice 28**

Number Inspections / Year **1**

Manufacturer
IMAS
UAR Covers

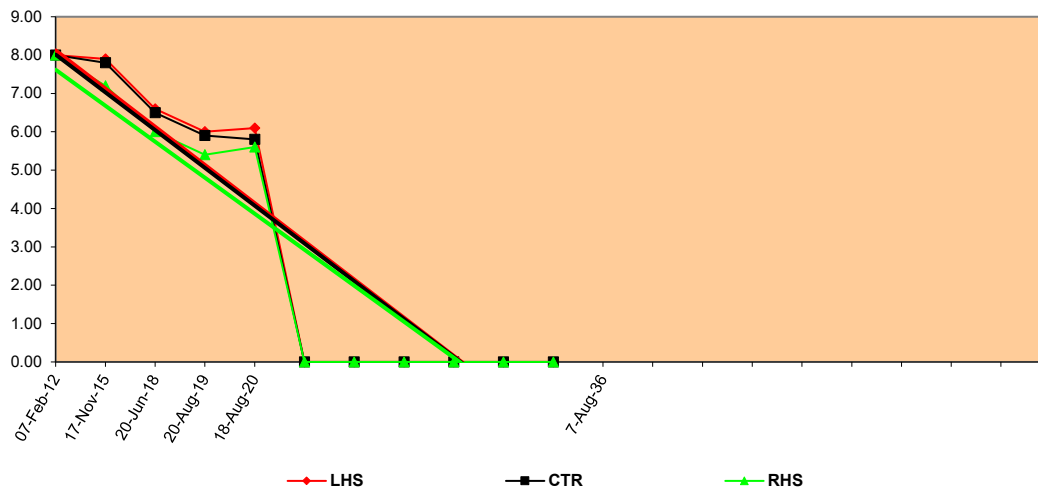
21096

Top Cover



Minimum Top Cover [mm] **5.4** at location **1150mm**

Analysis of Minimum Top Cover Readings



Nominated Change-out Thickness **4.0** mm

Forecasted Date to Nominated Thickness **09-Oct-24**

Forecasted Date to Reach 3mm **18-Oct-27**

Forecasted Date to Reach 1mm **21-Nov-32**

Worst Case Wear Rates [mm / Month]

Interval **0.04mm/month** at location **1150mm**

Life **0.02mm/month** at location **1150mm**

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

Belt life based on life wear rate **12-Jul-40**

Splice XX-YY

Lengths on
Belt Map are a

[Comments](#)

Top Cover

Bot Cover

Location: Primary

Splice 2m after Splice 28

Number Inspections / Year	1
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Minimum Top Cover [mm] **5.4** at location **1150mm**

The graph displays the number of cases for three categories: RHS (green triangles), CTR (black squares), and LHS (red diamonds). The y-axis represents the number of cases, ranging from 0.00 to 30.00. The x-axis shows dates from February 2012 to August 2020. All three series show a sharp decline to zero by August 2020.

Date	RHS	CTR	LHS
07-Feb-12	24.00	16.00	8.00
11-Nov-15	23.00	15.50	8.00
20-Jun-18	19.00	13.00	6.50
20-Aug-19	17.00	11.50	6.00
18-Aug-20	17.50	11.50	6.00
01-Sep-20	0.00	0.00	0.00
01-Oct-20	0.00	0.00	0.00
01-Nov-20	0.00	0.00	0.00
01-Dec-20	0.00	0.00	0.00
01-Jan-21	0.00	0.00	0.00
01-Feb-21	0.00	0.00	0.00
01-Mar-21	0.00	0.00	0.00
01-Apr-21	0.00	0.00	0.00
01-May-21	0.00	0.00	0.00
01-Jun-21	0.00	0.00	0.00
01-Jul-21	0.00	0.00	0.00
01-Aug-21	0.00	0.00	0.00

Belt life based on total life wear rate	12-Jul-40
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splice 2m after Splice 28

Comments			
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		

Previous Test Results

 OLC						Velocity =		1603			
						Tested By =		David			
						Cal Thickness =		21.5			
						Temp =		14.5			
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	7.90						
100	8.00	8.90	7.20	6.90	7.10						
150	8.00	8.80	7.20	7.00	7.20						
200	8.00	8.20	7.00	6.40	6.90						
250	8.00	7.90	6.60	6.00	6.50						
300	8.00	7.90	6.70	6.20	6.10						
350	8.00	8.10	6.80	6.40	6.30						
400	8.00	8.20	7.00	6.50	6.60						
450	8.00	8.60	7.20	6.90	6.40						
500	8.00	8.50	7.10	6.70	6.30						
550	8.00	8.40	7.00	6.60	6.20						
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	5.80						
750	8.00	7.90	6.60	6.00	5.90						
800	8.00	7.90	6.60	6.00	6.30						
850	8.00	7.80	6.50	5.90	6.50						
900	8.00	8.10	6.70	6.10	5.90						
950	8.00	8.40	7.20	6.80	7.10						
1000	8.00	8.50	7.10	6.80	7.50						
1050	8.00	8.40	7.00	6.80	7.10						
1100	8.00	8.00	6.40	6.00	7.20						
1150	8.00	7.20	6.00	5.40	5.70						1150
1200	8.00	7.80	6.50	6.00	5.60						
1250	8.00	8.30	7.00	6.50	6.40						
1300	8.00	8.40	7.20	6.70	7.10						
1350	8.00	8.80	8.00	7.70	7.60						
											1150