

PROJECT: Lifters bar trial with Trelleborg Special Rubber Compound.

SITE:

OBJECTIVE: TRELLEBORG Lifter Bars in Special Rubber Compound Vs Composite Steel Lifter Bars.

INSTALLED DATE: 12th Dec'13

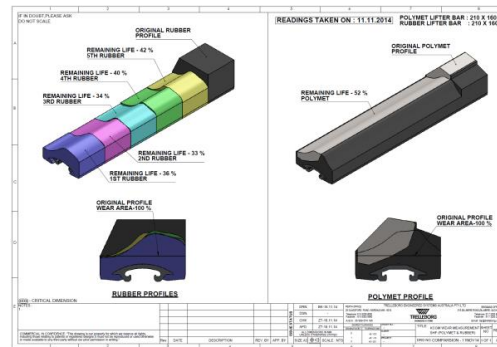
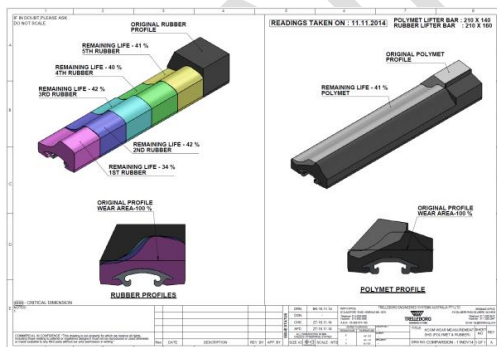
DATE MEASURED: 11th November'14

TONS/HOURS HANDLED TILL DATE: 4067465T / 6925 HRS

PERFORMANCE AS ON DATE-11.11.14:

Difference at **Feed End** (Shell) Lifter 210-160 Polymet Vs Rubber – 19.00 % only.

Difference at **Disch End** (Shell) Lifter 210-140 Polymet Vs Rubber 210-160 SAME%



Wear Management Advisory Services Inspection Form

DATE	17 th November, 2014	TIME	5.30pm
-------------	---------------------------------	-------------	--------

Trelleborg Personnel	Duane Smith / Zane Thomas
-----------------------------	---------------------------

<input type="checkbox"/> Composite Ceramics	<input type="checkbox"/> Rubber Lining	<input checked="" type="checkbox"/> Mill/Scrubber Liner
---	--	---

CLIENT DETAILS			
Client:		Site:	
Contact Name:		Phone:	
Title:	Shutdown Co-ordinator	Email:	

EQUIPMENT DETAILS	
Asset Description:	BALL MILL NO. 1
Asset ID:	
Date of Last Inspection:	11/11/14
Date of Liner Install:	12/12/13
Shut Frequency:	8-11 weeks
Throughput (TPH):	

PREVIOUS LINER DETAILS	
Previous Liners:	N/A
MTBF:	
Mode of Failure:	
Liner Weight:	
Liner Size:	
Liner Thickness:	

NEW LINER DETAILS	
Current Liners:	SHELL LIFTERS
Liner Weight:	
Liner Size:	LIFTER 210-140/160 (Composite) & 210-160(Rubber)
Liner Thickness:	90/70

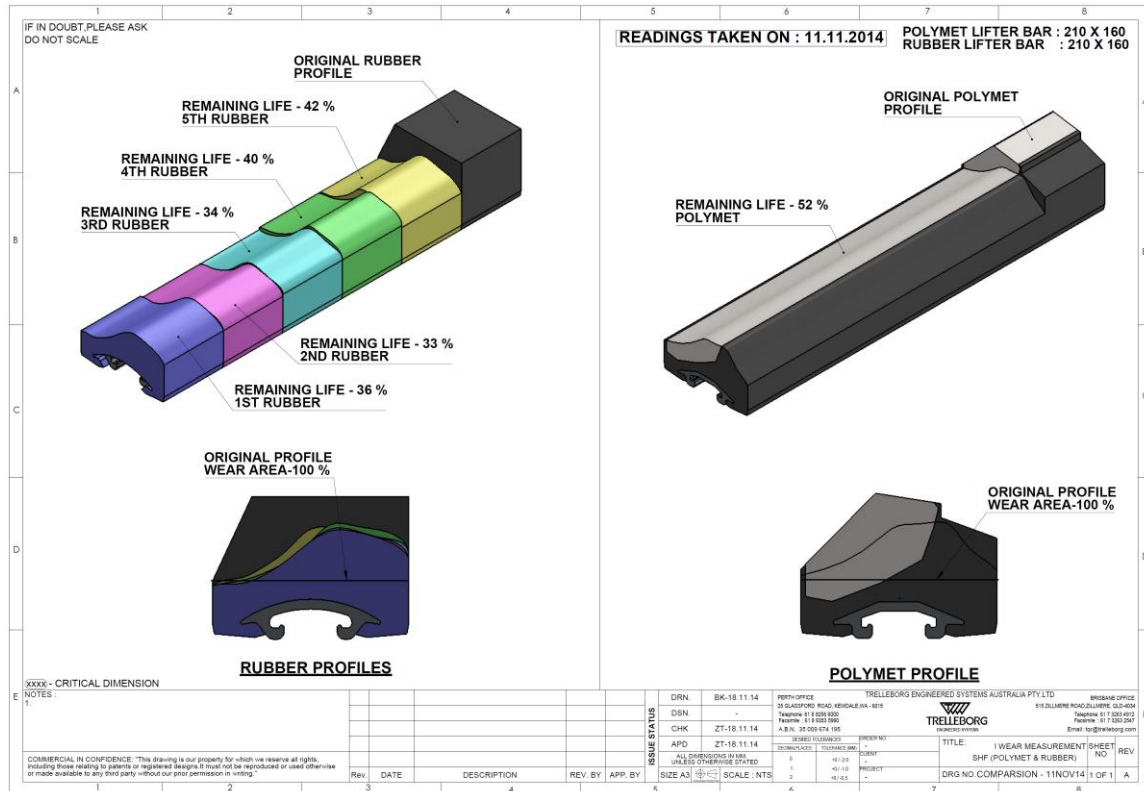
PRODUCT DETAILS			
Product:	Gold Ore	Fines (%):	
Max. Lump Size (mm):		Angle of Impact:	N/A
Wet/Dry/Sticky:	Wet/Sticky	Belt Speed (m/p/s)	N/A
Drop Height	N/A		
Comments Relevant to this Installation:			
Are there any Access and Change out Issues?			
Current Management and Inspection Process?			
INSPECTION REPORT – Details and Photos			

**WEAR MEASUREMENTS FOR [REDACTED]
LIFTER BAR TRIAL RUBBER(TRELLEBORG) Vs COMPOSITE STEEL.**

BALL MILL DIA DIA 5490M x 7625M- LIFTER TRIAL BM-1				
LIFTER TRIAL ON SHELL	LIFTER BAR	LIFTER BAR	INSTALLATION	PLATE (Actual) REMAINING
	% REMAINING	EST.CHANGE	DATE	THICKNESS
SHELL – FEED (COMPOSITE)	52.00%	**FEB'15	12.12.13	34
RUBBER LIFTER_FE (1st ROW)	36.00%	**FEB'15	12.12.13	34
RUBBER LIFTER_FE (2nd ROW)	33.00%	**FEB'15	12.12.13	33
RUBBER LIFTER_FE (3rd ROW)	34.00%	**FEB'15	12.12.13	33
RUBBER LIFTER_FE 4th ROW)	40.00%	**FEB'15	12.12.13	43
RUBBER LIFTER_FE (5th ROW)	42.00%	**FEB'15	12.12.13	40
SHELL –DISCH (COMPOSITE)	41.00%	**FEB'15	12.12.13	25
RUBBER LIFTER_DE (1st ROW)	34.00%	**FEB'15	12.12.13	42
RUBBER LIFTER_DE (2nd ROW)	42.00%	**FEB'15	12.12.13	40
RUBBER LIFTER_DE (3rd ROW)	42.00%	**FEB'15	12.12.13	35
RUBBER LIFTER_DE (4th ROW)	40.00%	**FEB'15	12.12.13	32
RUBBER LIFTER_DE (5th ROW)	41.00%	**FEB'15	12.12.13	40

**Predictions are based on Mill Operating Conditions and Ore characteristics remaining same.

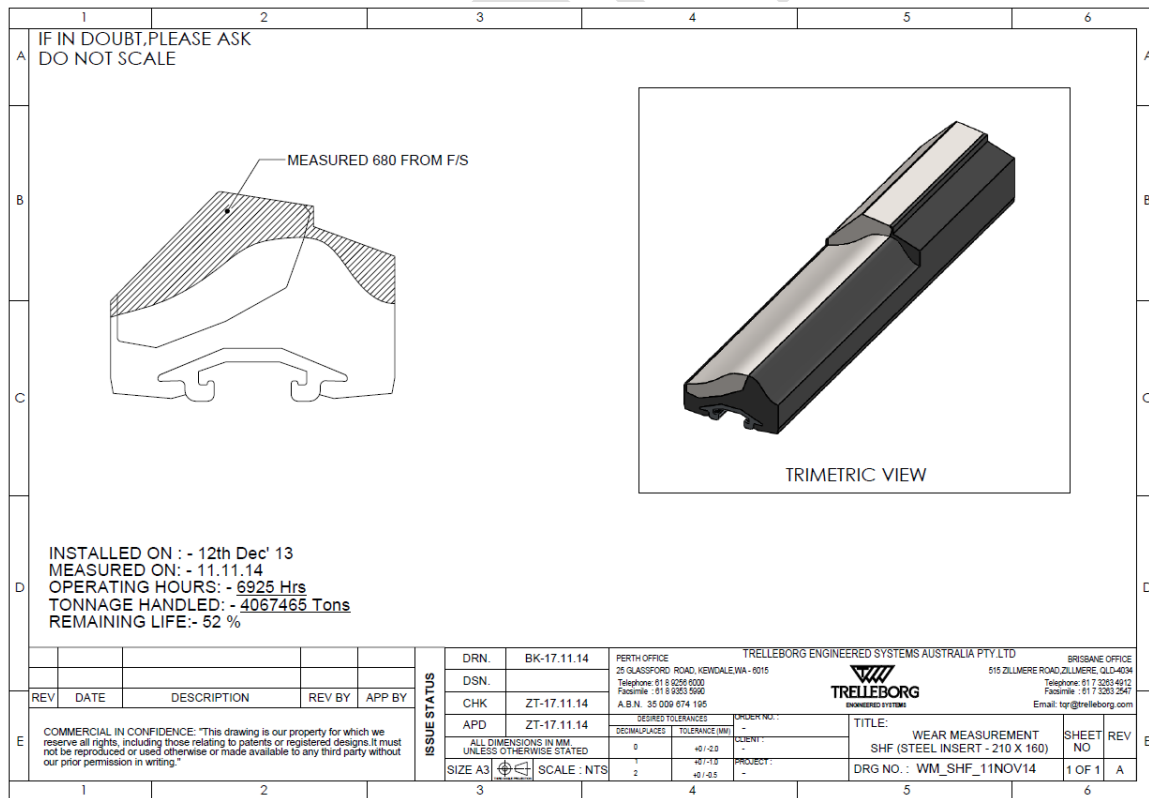
SHELL LINERS - AT FEED END: LIFTER 210-160



The difference in **Rubber Lifter bars Vs Composite Steel lifter bars** is only **nineteen percent (19%)** when compared with the **5th row of Rubber Lifter bar**.

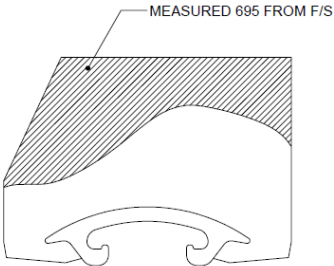
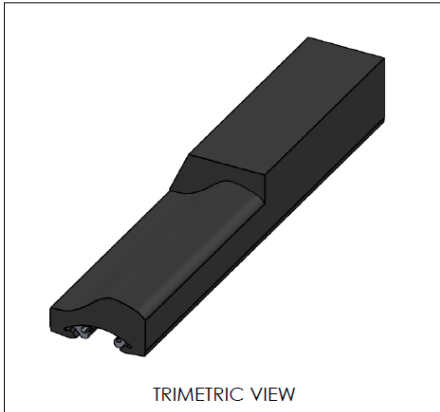



This once again goes to prove that the rubber will perform better if installed on its own, as one full ring.

COMPOSITE LIFTER SHELL FEED END- 210-160



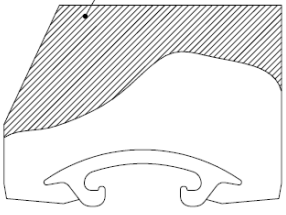
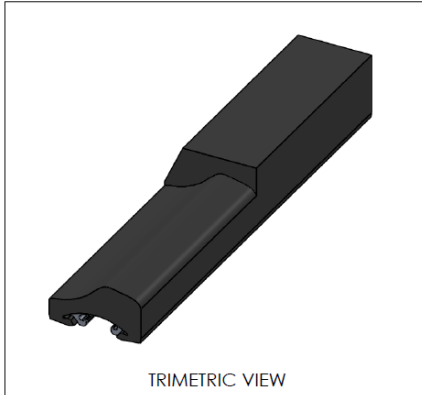
RUBBER LIFTER SHELL FEED END – 1st ROW



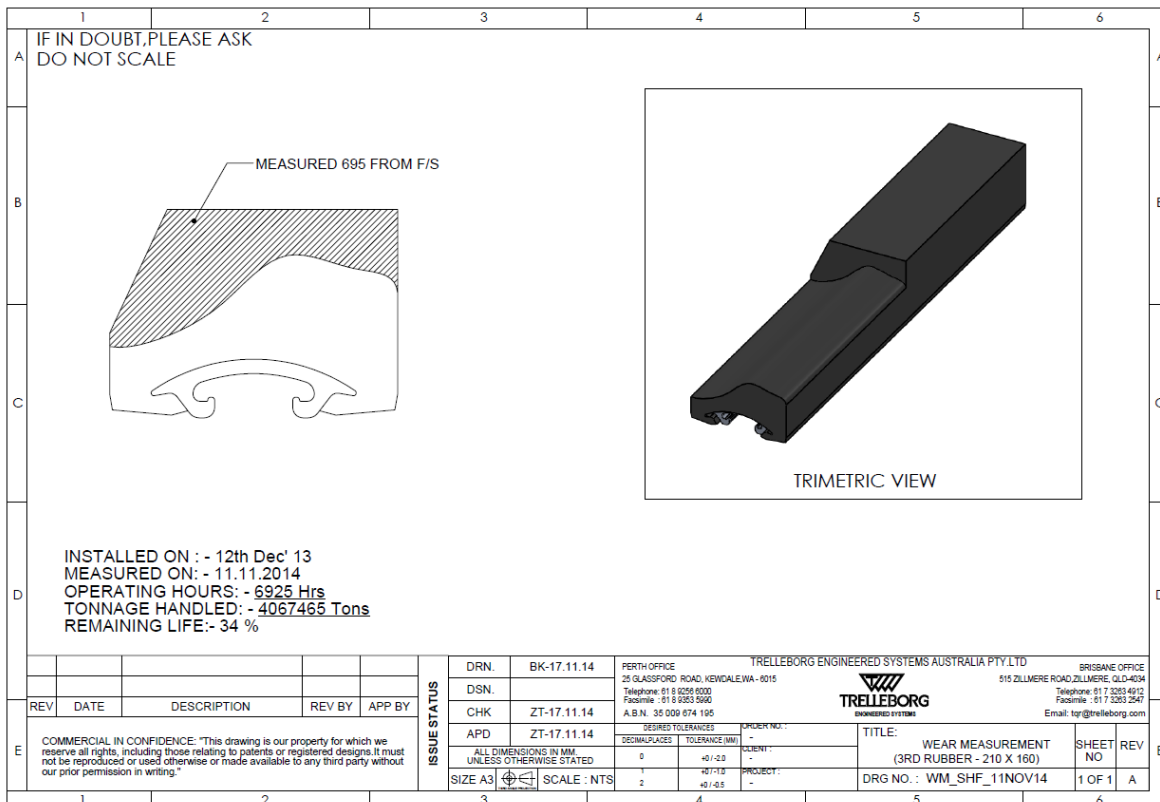
1	2	3	4	5	6										
IF IN DOUBT, PLEASE ASK DO NOT SCALE															
A					A										
B	 <p style="text-align: center;">TRIMETRIC VIEW</p>				B										
C	<p> INSTALLED ON : - 12th Dec' 13 MEASURED ON : - 11.11.2014 OPERATING HOURS : - 6925 Hrs TONNAGE HANDLED : - 4067465 Tons REMAINING LIFE : - 36 % </p>				C										
D	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REV</td> <td style="width: 10%;">DATE</td> <td style="width: 40%;">DESCRIPTION</td> <td style="width: 10%;">REV BY</td> <td style="width: 10%;">APP BY</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				REV	DATE	DESCRIPTION	REV BY	APP BY						D
REV	DATE	DESCRIPTION	REV BY	APP BY											
E	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"> ISSUE STATUS DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14 </td> <td style="width: 15%;"> PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 35 009 674 195 </td> <td style="width: 15%;"> TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD  515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com </td> <td style="width: 15%;"> BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com </td> <td style="width: 10%;"> ORDER NO.: CLIENT: PROJECT: </td> <td style="width: 20%;"> TITLE: WEAR MEASUREMENT (1ST RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14 </td> <td style="width: 10%;"> SHEET NO 1 OF 1 </td> <td style="width: 10%;"> REV A </td> </tr> </table>				ISSUE STATUS DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 35 009 674 195	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD  515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com	BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com	ORDER NO.: CLIENT: PROJECT:	TITLE: WEAR MEASUREMENT (1ST RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14	SHEET NO 1 OF 1	REV A	E		
ISSUE STATUS DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 35 009 674 195	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD  515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com	BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4913 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com	ORDER NO.: CLIENT: PROJECT:	TITLE: WEAR MEASUREMENT (1ST RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14	SHEET NO 1 OF 1	REV A								
COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."															
1	2	3	4	5	6										

RUBBER LIFTER SHELL FEED END – 2nd ROW

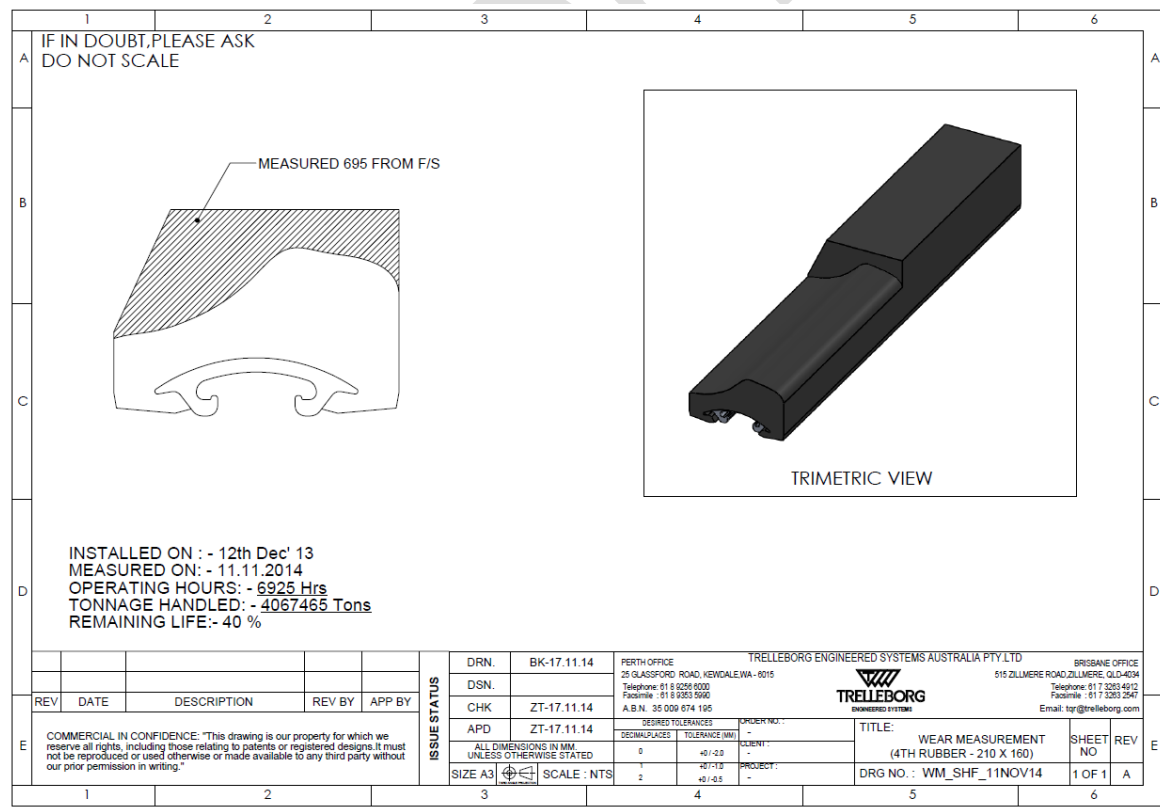


1	2	3	4	5	6																												
A	IF IN DOUBT, PLEASE ASK DO NOT SCALE				A																												
B	MEASURED 695 FROM F/S				B																												
C					C																												
D	 <p style="text-align: center;">TRIMETRIC VIEW</p>				D																												
E	INSTALLED ON : - 12th Dec' 13 MEASURED ON : - 11.11.2014 OPERATING HOURS : - 6925 Hrs TONNAGE HANDLED : - 4067465 Tons REMAINING LIFE : - 33 %				E																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>REV BY</th> <th>APP BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REV	DATE	DESCRIPTION	REV BY	APP BY						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DRN.</th> <td>BK-17.11.14</td> </tr> <tr> <th>DSN.</th> <td> </td> </tr> <tr> <th>CHK</th> <td>ZT-17.11.14</td> </tr> <tr> <th>APD</th> <td>ZT-17.11.14</td> </tr> <tr> <th>SIZE</th> <td>A3</td> </tr> </table>		DRN.	BK-17.11.14	DSN.		CHK	ZT-17.11.14	APD	ZT-17.11.14	SIZE	A3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"> TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE, WA - 6105 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 36 009 674 195 </td> <td colspan="2"> BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4094 Telephone: 01 7 3263 4912 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com </td> </tr> <tr> <td colspan="2"> DESIRED TOLERANCES DECIMAL PLACES TOLERANCE (MM) 0 +0/-0.3 1 +0/-0.3 2 +0/-0.3 </td> <td colspan="2"> TITLE: WEAR MEASUREMENT (2ND RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14 </td> </tr> </table>		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE, WA - 6105 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 36 009 674 195		BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4094 Telephone: 01 7 3263 4912 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com		DESIRED TOLERANCES DECIMAL PLACES TOLERANCE (MM) 0 +0/-0.3 1 +0/-0.3 2 +0/-0.3		TITLE: WEAR MEASUREMENT (2ND RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14	
REV	DATE	DESCRIPTION	REV BY	APP BY																													
DRN.	BK-17.11.14																																
DSN.																																	
CHK	ZT-17.11.14																																
APD	ZT-17.11.14																																
SIZE	A3																																
TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE, WA - 6105 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5900 A.B.N. 36 009 674 195		BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4094 Telephone: 01 7 3263 4912 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com																															
DESIRED TOLERANCES DECIMAL PLACES TOLERANCE (MM) 0 +0/-0.3 1 +0/-0.3 2 +0/-0.3		TITLE: WEAR MEASUREMENT (2ND RUBBER - 210 X 160) DRG NO.: WM_SHF_11NOV14																															
COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."		SCALE: NTS		SHEET NO: 1 OF 1 REV: A																													
1	2	3	4	5	6																												

RUBBER LIFTER SHELL FEED END – 3rd ROW

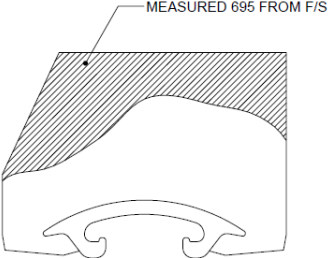
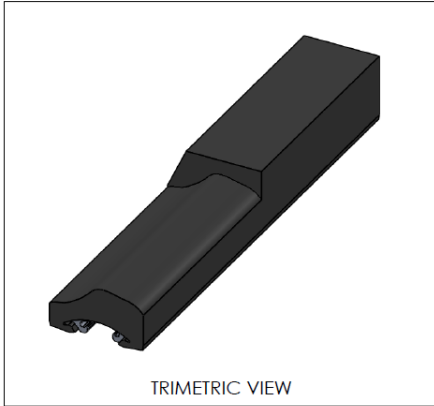


RUBBER LIFTER SHELL FEED END – 4th ROW



RUBBER LIFTER SHELL FEED END – 5th ROW

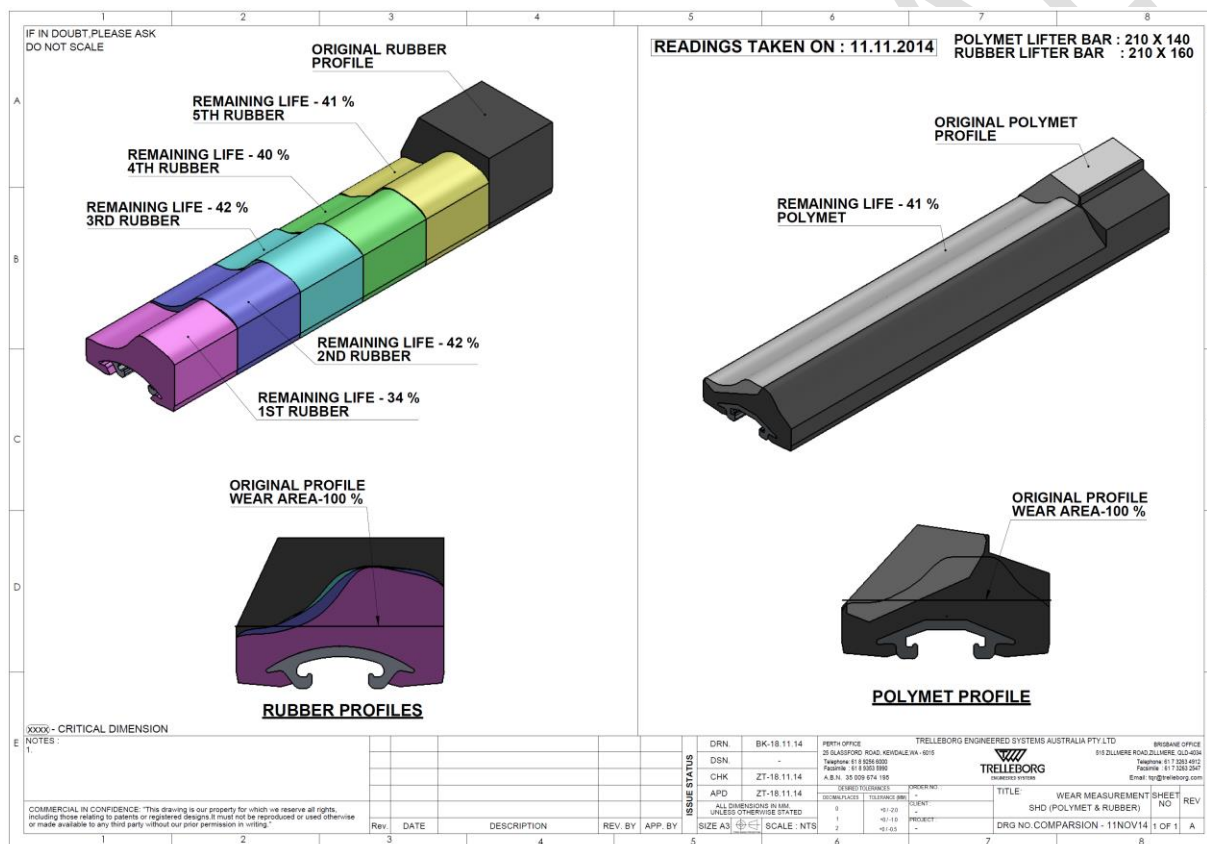


1	2	3	4	5	6																											
IF IN DOUBT, PLEASE ASK DO NOT SCALE																																
A					A																											
B					B																											
C	TRIMETRIC VIEW				C																											
D	INSTALLED ON : - 12th Dec' 13 MEASURED ON : - 11.11.2014 OPERATING HOURS : - 6925 Hrs TONNAGE HANDLED : - 4067465 Tons REMAINING LIFE : - 42 %				D																											
E	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REV</td> <td style="width: 10%;">DATE</td> <td style="width: 30%;">DESCRIPTION</td> <td style="width: 10%;">REV BY</td> <td style="width: 10%;">APP BY</td> <td style="width: 10%;">STATUS</td> <td style="width: 10%;"> DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14 </td> <td style="width: 20%;"> PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 105 </td> <td style="width: 20%;"> TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE QLD 4034 Telephone: 61 7 3263 4912 Facsimile: 61 7 3263 2545 Email: tqr@trelleborg.com </td> </tr> <tr> <td colspan="6"> COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing." </td> <td colspan="3"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TITLE:</td> <td style="width: 40%;">WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 10%;">SHEET NO</td> <td style="width: 10%;">REV</td> </tr> <tr> <td>DRG NO.:</td> <td>WM_SHF_11NOV14</td> <td>1 OF 1</td> <td>A</td> </tr> </table> </td> </tr> </table>					REV	DATE	DESCRIPTION	REV BY	APP BY	STATUS	DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 105	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE QLD 4034 Telephone: 61 7 3263 4912 Facsimile: 61 7 3263 2545 Email: tqr@trelleborg.com	COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TITLE:</td> <td style="width: 40%;">WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 10%;">SHEET NO</td> <td style="width: 10%;">REV</td> </tr> <tr> <td>DRG NO.:</td> <td>WM_SHF_11NOV14</td> <td>1 OF 1</td> <td>A</td> </tr> </table>			TITLE:	WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV	DRG NO.:	WM_SHF_11NOV14	1 OF 1	A	E
REV	DATE	DESCRIPTION	REV BY	APP BY	STATUS	DRN. BK-17.11.14 DSN. CHK ZT-17.11.14 APD ZT-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 105	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE QLD 4034 Telephone: 61 7 3263 4912 Facsimile: 61 7 3263 2545 Email: tqr@trelleborg.com																								
COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TITLE:</td> <td style="width: 40%;">WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 10%;">SHEET NO</td> <td style="width: 10%;">REV</td> </tr> <tr> <td>DRG NO.:</td> <td>WM_SHF_11NOV14</td> <td>1 OF 1</td> <td>A</td> </tr> </table>			TITLE:	WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV	DRG NO.:	WM_SHF_11NOV14	1 OF 1	A																
TITLE:	WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV																													
DRG NO.:	WM_SHF_11NOV14	1 OF 1	A																													
1	2	3	4	5	6																											

SHELL LINERS - AT DISCH END: LIFTER 210-140(COMPOSITE) 210-160(RUBBER)

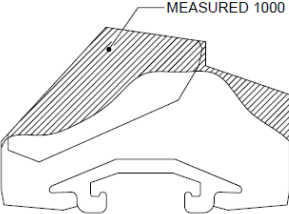
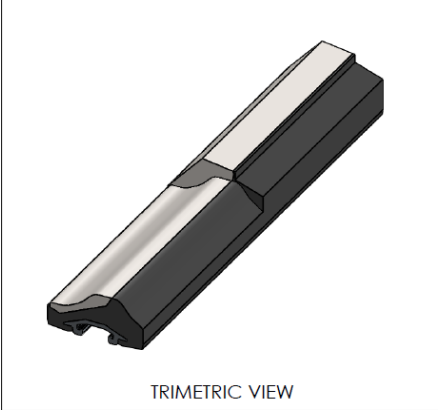



No abnormal wear noted in Rubber lifter bars at this stage. Rubber lifters are on par (in terms of wear percentage remaining) in comparison to the Composite Steel lifter bars, which again is very encouraging, after **12 months** of operation.

It may be noted that the rubber lifter bars further away from the Composite Steel lifters are wearing better, this goes to prove that the rubber will perform even better if installed in one complete ring.



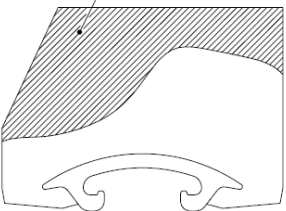
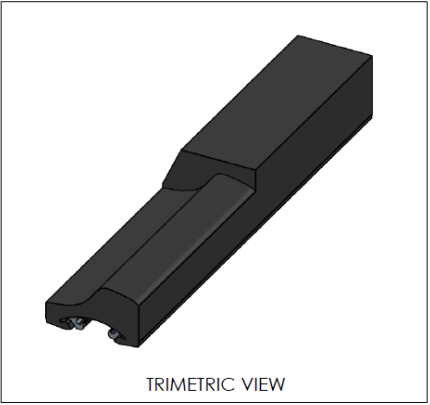
COMPOSITE LIFTER SHELL-DISCH END



1	2	3	4	5	6																																																											
<p>IF IN DOUBT, PLEASE ASK DO NOT SCALE</p>																																																																
B					B																																																											
C	 <p style="text-align: center;">TRIMETRIC VIEW</p>				C																																																											
D	<p> INSTALLED ON : - 12th Dec' 13 MEASURED ON : - 11.11.2014 OPERATING HOURS : - 6925 Hrs TONNAGE HANDLED : - 4067465 Tons REMAINING LIFE : - 41 % </p>				D																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>REV BY</th> <th>APP BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REV	DATE	DESCRIPTION	REV BY	APP BY						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="5" style="width: 5%; text-align: center; vertical-align: middle;">ISSUE STATUS</td> <td style="width: 15%;">DRN.</td> <td style="width: 15%;">BK-17.11.14</td> <td colspan="2" style="width: 40%;">PERTH OFFICE</td> <td style="width: 35%;">TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD</td> </tr> <tr> <td>DSN.</td> <td> </td> <td colspan="2">25 GLASSFORD ROAD, KEWDALE, WA - 6015</td> <td>BRISBANE OFFICE</td> </tr> <tr> <td>CHK</td> <td>ZT-17.11.14</td> <td colspan="2">Telephone: 61 8 9256 6000</td> <td>515 ZILLMERE ROAD, ZILLMERE, QLD-4034</td> </tr> <tr> <td>APD</td> <td>ZT-17.11.14</td> <td colspan="2">Facsimile: 61 8 9353 5990</td> <td>Telephone: 61 7 3263 4912</td> </tr> <tr> <td> </td> <td> </td> <td colspan="2">A.B.N. 35 008 674 195</td> <td>Facsimile: 61 7 3263 2647</td> </tr> <tr> <td colspan="2" rowspan="3" style="text-align: center;"> ALL DIMENSIONS IN MM. UNLESS OTHERWISE STATED </td> <td colspan="2" style="text-align: center;">DESIRED TOLERANCES</td> <td style="text-align: center;">ORDER NO.:</td> </tr> <tr> <td style="text-align: center;">DECIMAL PLACES</td> <td style="text-align: center;">TOLERANCE (MM)</td> <td style="text-align: center;">SUBJECT:</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">+0/-0.2</td> <td style="text-align: center;">PROJECT:</td> </tr> <tr> <td colspan="2" style="text-align: center;"> SIZE A3  SCALE: NTS </td> <td colspan="2" style="text-align: center;"> TITLE: WEAR MEASUREMENT SHD (STEEL INSERT - 210 X 140) </td> <td style="text-align: center;"> SHEET NO 1 OF 1 </td> <td style="text-align: center;"> REV A </td> </tr> <tr> <td colspan="2" style="text-align: center;"> DRG NO.: WM_SHD_11NOV14 </td> <td colspan="4" style="text-align: center;"> Email: tqr@trelleborg.com </td> </tr> </table>				ISSUE STATUS	DRN.	BK-17.11.14	PERTH OFFICE		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD	DSN.		25 GLASSFORD ROAD, KEWDALE, WA - 6015		BRISBANE OFFICE	CHK	ZT-17.11.14	Telephone: 61 8 9256 6000		515 ZILLMERE ROAD, ZILLMERE, QLD-4034	APD	ZT-17.11.14	Facsimile: 61 8 9353 5990		Telephone: 61 7 3263 4912			A.B.N. 35 008 674 195		Facsimile: 61 7 3263 2647	ALL DIMENSIONS IN MM. UNLESS OTHERWISE STATED		DESIRED TOLERANCES		ORDER NO.:	DECIMAL PLACES	TOLERANCE (MM)	SUBJECT:	1	+0/-0.2	PROJECT:	SIZE A3  SCALE: NTS		TITLE: WEAR MEASUREMENT SHD (STEEL INSERT - 210 X 140)		SHEET NO 1 OF 1	REV A	DRG NO.: WM_SHD_11NOV14		Email: tqr@trelleborg.com			
REV	DATE	DESCRIPTION	REV BY	APP BY																																																												
ISSUE STATUS	DRN.	BK-17.11.14	PERTH OFFICE		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD																																																											
	DSN.		25 GLASSFORD ROAD, KEWDALE, WA - 6015		BRISBANE OFFICE																																																											
	CHK	ZT-17.11.14	Telephone: 61 8 9256 6000		515 ZILLMERE ROAD, ZILLMERE, QLD-4034																																																											
	APD	ZT-17.11.14	Facsimile: 61 8 9353 5990		Telephone: 61 7 3263 4912																																																											
			A.B.N. 35 008 674 195		Facsimile: 61 7 3263 2647																																																											
ALL DIMENSIONS IN MM. UNLESS OTHERWISE STATED		DESIRED TOLERANCES		ORDER NO.:																																																												
		DECIMAL PLACES	TOLERANCE (MM)	SUBJECT:																																																												
		1	+0/-0.2	PROJECT:																																																												
SIZE A3  SCALE: NTS		TITLE: WEAR MEASUREMENT SHD (STEEL INSERT - 210 X 140)		SHEET NO 1 OF 1	REV A																																																											
DRG NO.: WM_SHD_11NOV14		Email: tqr@trelleborg.com																																																														
1	2	3	4	5	6																																																											

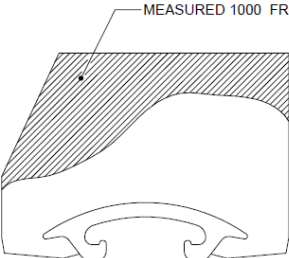
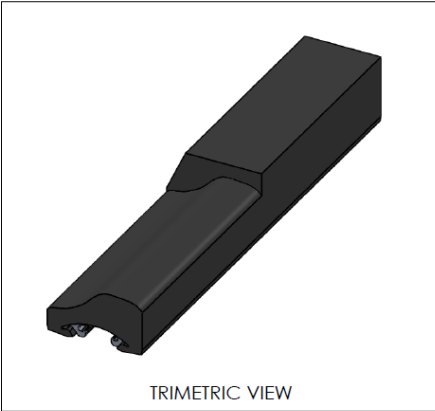

RUBBER LIFTER SHELL DISCH END – 1st ROW



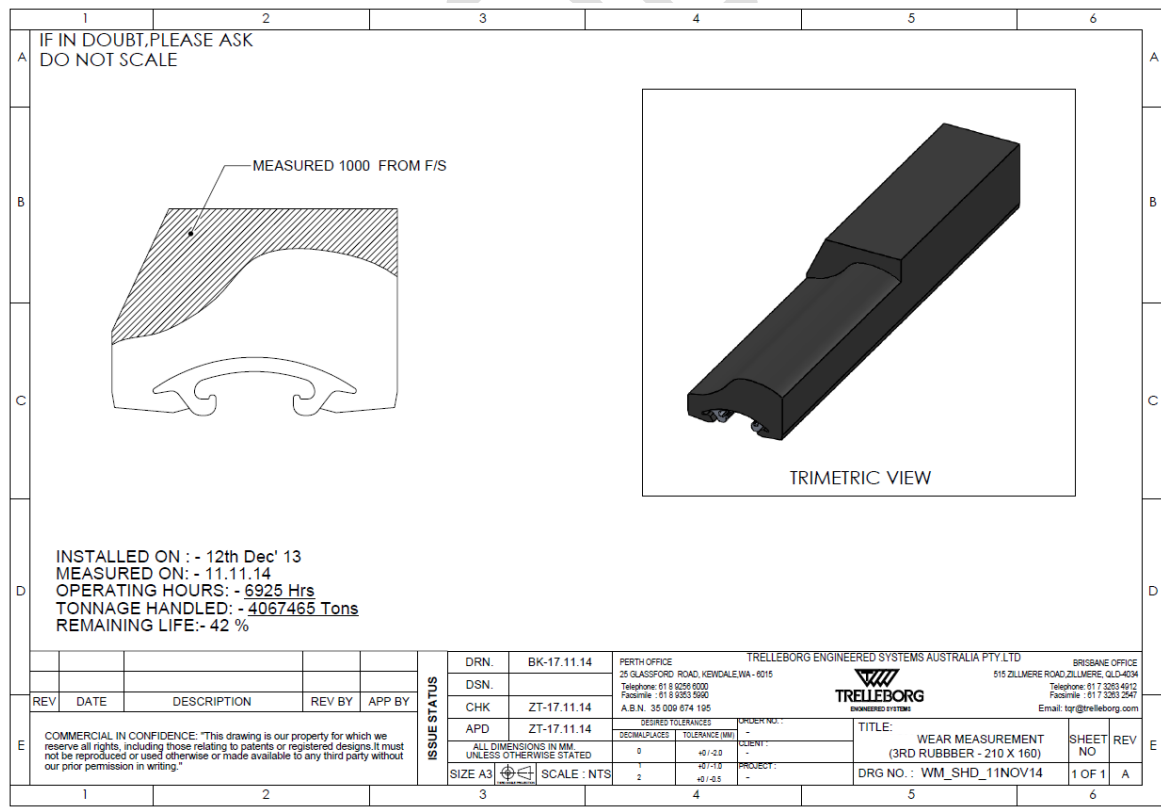
1	2	3	4	5	6																																
IF IN DOUBT, PLEASE ASK DO NOT SCALE																																					
A					A																																
B					B																																
C	TRIMETRIC VIEW				C																																
D	INSTALLED ON : - 12th Dec' 13 MEASURED ON : - 11.11.14 OPERATING HOURS : - 6925 Hrs TONNAGE HANDLED : - 4067465 Tons REMAINING LIFE : - 34 %				D																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REV</td> <td style="width: 10%;">DATE</td> <td style="width: 40%;">DESCRIPTION</td> <td style="width: 10%;">REV BY</td> <td style="width: 10%;">APP BY</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>						REV	DATE	DESCRIPTION	REV BY	APP BY																											
REV	DATE	DESCRIPTION	REV BY	APP BY																																	
E	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">DRN.</td> <td style="width: 10%;">BK-17.11.14</td> <td style="width: 40%;">PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5990 A.B.N. 35 000 674 195</td> <td style="width: 40%;">TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4612 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com</td> </tr> <tr> <td>DSN.</td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>CHK</td> <td>ZT-17.11.14</td> <td> </td> <td> </td> </tr> <tr> <td>APD</td> <td>ZT-17.11.14</td> <td> </td> <td> </td> </tr> <tr> <td colspan="2">ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED</td> <td>DESIGN PLACES</td> <td>TOLERANCE (MM)</td> </tr> <tr> <td colspan="2">SIZE A3</td> <td>1</td> <td>+0/-2.0</td> </tr> <tr> <td colspan="2">SCALE : NTS</td> <td>2</td> <td>+0/-2.5</td> </tr> <tr> <td colspan="2"> </td> <td> </td> <td> </td> </tr> </table>				DRN.	BK-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5990 A.B.N. 35 000 674 195	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4612 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com	DSN.				CHK	ZT-17.11.14			APD	ZT-17.11.14			ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		DESIGN PLACES	TOLERANCE (MM)	SIZE A3		1	+0/-2.0	SCALE : NTS		2	+0/-2.5					E
DRN.	BK-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE, WA - 6015 Telephone: 01 8 9256 6000 Facsimile: 01 8 9353 5990 A.B.N. 35 000 674 195	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone: 01 7 3263 4612 Facsimile: 01 7 3263 2547 Email: tqr@trelleborg.com																																		
DSN.																																					
CHK	ZT-17.11.14																																				
APD	ZT-17.11.14																																				
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		DESIGN PLACES	TOLERANCE (MM)																																		
SIZE A3		1	+0/-2.0																																		
SCALE : NTS		2	+0/-2.5																																		
1	2	3	4	5	6																																

RUBBER LIFTER SHELL DISCH END – 2nd ROW



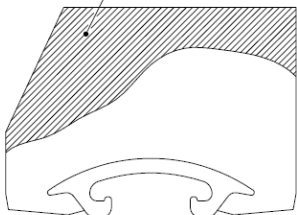




1	2	3	4	5	6																										
IF IN DOUBT, PLEASE ASK DO NOT SCALE																															
B	 <p>MEASURED 1000 FROM F/S</p>				B																										
C	 <p>TRIMETRIC VIEW</p>				C																										
D	INSTALLED ON : - 12th Dec' 13 MEASURED ON: - 11.11.14 OPERATING HOURS: - 6925 Hrs TONNAGE HANDLED: - 4067465 Tons REMAINING LIFE:- 42 %				D																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>REV BY</th> <th>APP BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REV	DATE	DESCRIPTION	REV BY	APP BY						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRN.</td> <td>BK-17.11.14</td> </tr> <tr> <td>DSN.</td> <td> </td> </tr> <tr> <td>CHK</td> <td>ZT-17.11.14</td> </tr> <tr> <td>APD</td> <td>ZT-17.11.14</td> </tr> </table>		DRN.	BK-17.11.14	DSN.		CHK	ZT-17.11.14	APD	ZT-17.11.14	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"> TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196 </td> <td colspan="2"> BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD 4034 Telephone: 61 7 3363 4912 Facsimile: 61 7 3363 3547 Email: tqr@trelleborg.com </td> </tr> <tr> <td colspan="2"> PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196 </td> <td colspan="2"> TRELLEBORG ENGINEERED SYSTEMS </td> </tr> </table>		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196		BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD 4034 Telephone: 61 7 3363 4912 Facsimile: 61 7 3363 3547 Email: tqr@trelleborg.com		PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196		TRELLEBORG ENGINEERED SYSTEMS	
REV	DATE	DESCRIPTION	REV BY	APP BY																											
DRN.	BK-17.11.14																														
DSN.																															
CHK	ZT-17.11.14																														
APD	ZT-17.11.14																														
TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196		BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD 4034 Telephone: 61 7 3363 4912 Facsimile: 61 7 3363 3547 Email: tqr@trelleborg.com																													
PERTH OFFICE 25 GLASSFORD ROAD, KEWDALE WA - 6105 Telephone: 61 8 9256 6000 Facsimile: 61 8 9353 5900 A.B.N. 35 009 674 196		TRELLEBORG ENGINEERED SYSTEMS																													
COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."		ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED SIZE A3  SCALE: NTS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">DESIRED TOLERANCES</td> <td>PROJECT NO.:</td> <td>TITLE:</td> </tr> <tr> <td>DECIMAL PLACES</td> <td>TOLERANCE (MM)</td> <td> </td> <td>WEAR MEASUREMENT</td> </tr> <tr> <td>0</td> <td>+0/-0.0</td> <td> </td> <td>(2ND RUBBER - 210 X 160)</td> </tr> <tr> <td>2</td> <td>+0/-0.5</td> <td> </td> <td>DRG NO.: WM_SHD_11NOV14</td> </tr> </table>		DESIRED TOLERANCES		PROJECT NO.:	TITLE:	DECIMAL PLACES	TOLERANCE (MM)		WEAR MEASUREMENT	0	+0/-0.0		(2ND RUBBER - 210 X 160)	2	+0/-0.5		DRG NO.: WM_SHD_11NOV14										
DESIRED TOLERANCES		PROJECT NO.:	TITLE:																												
DECIMAL PLACES	TOLERANCE (MM)		WEAR MEASUREMENT																												
0	+0/-0.0		(2ND RUBBER - 210 X 160)																												
2	+0/-0.5		DRG NO.: WM_SHD_11NOV14																												
1	2	3	4	5	6																										

RUBBER LIFTER SHELL-DISCH – 3rd ROW

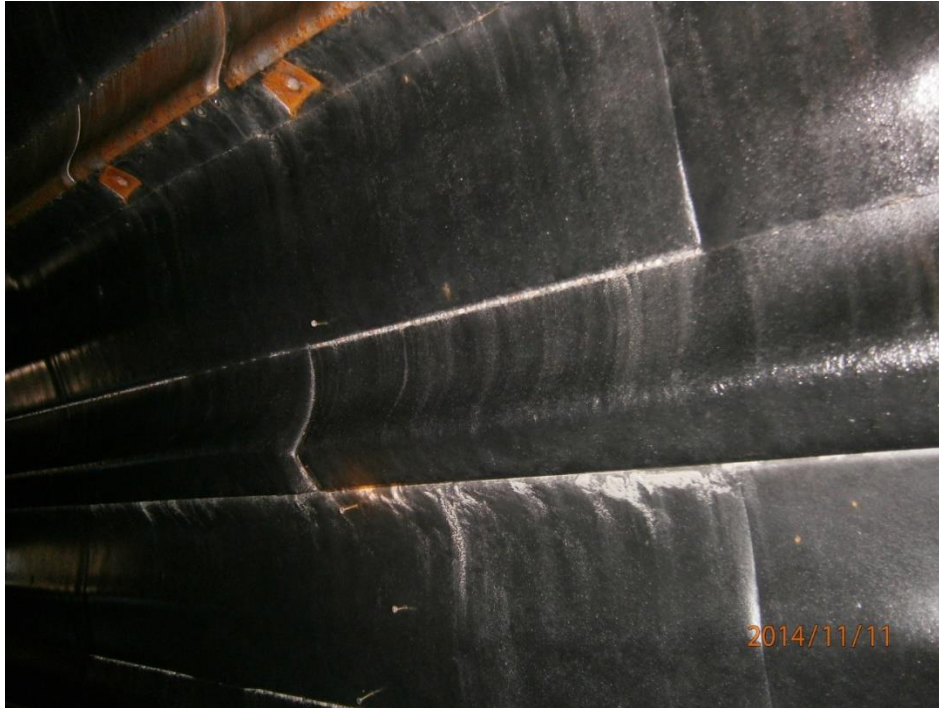


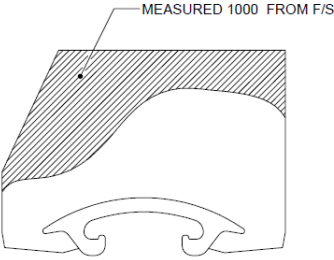
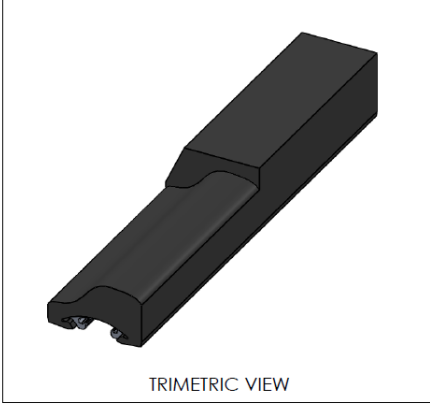
RUBBER LIFTER SHELL-DISCH END – 4th ROW



1	2	3	4	5	6																																									
A	IF IN DOUBT, PLEASE ASK DO NOT SCALE				A																																									
B	MEASURED 1000 FROM F/S 				B																																									
C	 TRIMETRIC VIEW				C																																									
D	INSTALLED ON : - 12th Dec' 13 MEASURED ON: - 11.11.14 OPERATING HOURS: - 6925 Hrs TONNAGE HANDLED: - 4067465 Tons REMAINING LIFE:- 40 %				D																																									
E	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="4" style="vertical-align: top;"> COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing." </td> <td colspan="2" style="text-align: center;"> ISSUE STATUS </td> <td colspan="2" style="text-align: center;"> TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD </td> </tr> <tr> <td>DRN.</td> <td>BK-17.11.14</td> <td colspan="2" style="font-size: small;"> PERTH OFFICE 25 GLASSFORD ROAD, KENDALE WA - 6015 Telephone : 61 8 9256 6000 Facsimile : 61 8 9353 5990 A.B.N. 35 009 674 195 </td> </tr> <tr> <td>DSN.</td> <td></td> <td colspan="2" style="text-align: center;">  TRELLEBORG ENGINEERED SYSTEMS </td> </tr> <tr> <td>CHK</td> <td>ZT-17.11.14</td> <td colspan="2" style="font-size: small;"> BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone : 61 7 3263 4912 Facsimile : 61 7 3263 2547 Email: tqr@trelleborg.com </td> </tr> <tr> <td>REV</td> <td>DATE</td> <td>DESCRIPTION</td> <td>REV BY</td> <td>APP BY</td> <td></td> </tr> <tr> <td colspan="2" rowspan="4" style="vertical-align: top;"> ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED </td> <td>APD</td> <td>ZT-17.11.14</td> <td colspan="2" style="font-size: small;"> ORDER NO.: CLIENT: PROJECT: </td> </tr> <tr> <td colspan="2" style="font-size: small;"> DEQUALIFACES TOLERANCE (MM) </td> <td colspan="2" style="font-size: small;"> TITLE: WEAR MEASUREMENT (4TH RUBBER - 210 X 160) </td> </tr> <tr> <td>SIZE A3</td> <td>SCALE: NTS</td> <td colspan="2" style="font-size: small;"> DRG NO.: WM_SHD_11NOV14 </td> </tr> <tr> <td colspan="2" style="font-size: small;"> SHEET NO 1 OF 1 </td> </tr> </table>					COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."		ISSUE STATUS		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD		DRN.	BK-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KENDALE WA - 6015 Telephone : 61 8 9256 6000 Facsimile : 61 8 9353 5990 A.B.N. 35 009 674 195		DSN.		 TRELLEBORG ENGINEERED SYSTEMS		CHK	ZT-17.11.14	BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone : 61 7 3263 4912 Facsimile : 61 7 3263 2547 Email: tqr@trelleborg.com		REV	DATE	DESCRIPTION	REV BY	APP BY		ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		APD	ZT-17.11.14	ORDER NO.: CLIENT: PROJECT:		DEQUALIFACES TOLERANCE (MM)		TITLE: WEAR MEASUREMENT (4TH RUBBER - 210 X 160)		SIZE A3	SCALE: NTS	DRG NO.: WM_SHD_11NOV14		SHEET NO 1 OF 1		E
COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing."		ISSUE STATUS		TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD																																										
		DRN.	BK-17.11.14	PERTH OFFICE 25 GLASSFORD ROAD, KENDALE WA - 6015 Telephone : 61 8 9256 6000 Facsimile : 61 8 9353 5990 A.B.N. 35 009 674 195																																										
		DSN.		 TRELLEBORG ENGINEERED SYSTEMS																																										
		CHK	ZT-17.11.14	BRISBANE OFFICE 515 ZILLMERE ROAD, ZILLMERE, QLD-4034 Telephone : 61 7 3263 4912 Facsimile : 61 7 3263 2547 Email: tqr@trelleborg.com																																										
REV	DATE	DESCRIPTION	REV BY	APP BY																																										
ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		APD	ZT-17.11.14	ORDER NO.: CLIENT: PROJECT:																																										
		DEQUALIFACES TOLERANCE (MM)		TITLE: WEAR MEASUREMENT (4TH RUBBER - 210 X 160)																																										
		SIZE A3	SCALE: NTS	DRG NO.: WM_SHD_11NOV14																																										
		SHEET NO 1 OF 1																																												
1	2	3	4	5	6																																									

RUBBER LIFTER SHELL DISCH END – 5th ROW



1	2	3	4	5	6																																																															
<p>IF IN DOUBT, PLEASE ASK DO NOT SCALE</p>																																																																				
A	 <p>MEASURED 1000 FROM F/S</p>				A																																																															
B	 <p>TRIMETRIC VIEW</p>				B																																																															
C					C																																																															
D	<p> INSTALLED ON : - 12th Dec' 13 MEASURED ON: - 11.11.14 OPERATING HOURS: - 6925 Hrs TONNAGE HANDLED: - 4067465 Tons REMAINING LIFE:- 41 % </p>				D																																																															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DRN.</td> <td>BK-17.11.14</td> <td style="width: 40%;">PERTH OFFICE</td> <td style="width: 45%;">TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD</td> </tr> <tr> <td>DSN.</td> <td></td> <td>25 GLASSFORD ROAD, KENDALE WA - 6015</td> <td>BRISBANE OFFICE</td> </tr> <tr> <td>CHK</td> <td>ZT-17.11.14</td> <td>Telephone: 61 8 9256 6000</td> <td>515 ZILLMERE ROAD, ZILLMERE, QLD-4034</td> </tr> <tr> <td>APD</td> <td>ZT-17.11.14</td> <td>Facsimile: 61 8 9353 5990</td> <td>Telephone: 61 7 3283 4912</td> </tr> <tr> <td colspan="2"></td> <td>A.B.N. 36 000 874 185</td> <td>Facsimile: 61 7 3283 2547</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">Email: tqr@trelleborg.com</td> </tr> </table>		DRN.	BK-17.11.14	PERTH OFFICE	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD	DSN.		25 GLASSFORD ROAD, KENDALE WA - 6015	BRISBANE OFFICE	CHK	ZT-17.11.14	Telephone: 61 8 9256 6000	515 ZILLMERE ROAD, ZILLMERE, QLD-4034	APD	ZT-17.11.14	Facsimile: 61 8 9353 5990	Telephone: 61 7 3283 4912			A.B.N. 36 000 874 185	Facsimile: 61 7 3283 2547			Email: tqr@trelleborg.com		E																																								
DRN.	BK-17.11.14	PERTH OFFICE	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD																																																																	
DSN.		25 GLASSFORD ROAD, KENDALE WA - 6015	BRISBANE OFFICE																																																																	
CHK	ZT-17.11.14	Telephone: 61 8 9256 6000	515 ZILLMERE ROAD, ZILLMERE, QLD-4034																																																																	
APD	ZT-17.11.14	Facsimile: 61 8 9353 5990	Telephone: 61 7 3283 4912																																																																	
		A.B.N. 36 000 874 185	Facsimile: 61 7 3283 2547																																																																	
		Email: tqr@trelleborg.com																																																																		
<p> REV DATE DESCRIPTION REV BY APP BY E COMMERCIAL IN CONFIDENCE: "This drawing is our property for which we reserve all rights, including those relating to patents or registered designs. It must not be reproduced or used otherwise or made available to any third party without our prior permission in writing." </p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">ISSUE STATUS</td> <td style="width: 15%;">DRN.</td> <td style="width: 15%;">BK-17.11.14</td> <td style="width: 15%;">PERTH OFFICE</td> <td style="width: 15%;">TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD</td> <td style="width: 15%;">BRISBANE OFFICE</td> </tr> <tr> <td></td> <td>DSN.</td> <td></td> <td>25 GLASSFORD ROAD, KENDALE WA - 6015</td> <td>515 ZILLMERE ROAD, ZILLMERE, QLD-4034</td> <td>Telephone: 61 7 3283 4912</td> </tr> <tr> <td></td> <td>CHK</td> <td>ZT-17.11.14</td> <td>Telephone: 61 8 9256 6000</td> <td>Facsimile: 61 8 9353 5990</td> <td>Facsimile: 61 7 3283 2547</td> </tr> <tr> <td></td> <td>APD</td> <td>ZT-17.11.14</td> <td>A.B.N. 36 000 874 185</td> <td colspan="2" style="text-align: center;">Email: tqr@trelleborg.com</td> </tr> <tr> <td></td> <td colspan="2">ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED</td> <td colspan="3"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DECIMAL PLACES</td> <td style="width: 15%;">TOLERANCE (MM)</td> <td style="width: 15%;">PROJECT NO.</td> <td style="width: 15%;">CLIENT</td> <td style="width: 15%;">PROJECT</td> </tr> <tr> <td>0</td> <td>+0/-0.2</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>1</td> <td>+0/-1.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>+0/-0.5</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table> </td> </tr> <tr> <td></td> <td>SIZE A3</td> <td>SCALE: NTS</td> <td colspan="3"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 20%;">SHEET NO</td> <td style="width: 20%;">REV</td> <td style="width: 20%;">NO</td> </tr> <tr> <td>DRG NO.: WM_SHD_11NOV14</td> <td>1 OF 1</td> <td>A</td> <td></td> </tr> </table> </td> </tr> </table>		ISSUE STATUS	DRN.	BK-17.11.14	PERTH OFFICE	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD	BRISBANE OFFICE		DSN.		25 GLASSFORD ROAD, KENDALE WA - 6015	515 ZILLMERE ROAD, ZILLMERE, QLD-4034	Telephone: 61 7 3283 4912		CHK	ZT-17.11.14	Telephone: 61 8 9256 6000	Facsimile: 61 8 9353 5990	Facsimile: 61 7 3283 2547		APD	ZT-17.11.14	A.B.N. 36 000 874 185	Email: tqr@trelleborg.com			ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DECIMAL PLACES</td> <td style="width: 15%;">TOLERANCE (MM)</td> <td style="width: 15%;">PROJECT NO.</td> <td style="width: 15%;">CLIENT</td> <td style="width: 15%;">PROJECT</td> </tr> <tr> <td>0</td> <td>+0/-0.2</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>1</td> <td>+0/-1.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>+0/-0.5</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>			DECIMAL PLACES	TOLERANCE (MM)	PROJECT NO.	CLIENT	PROJECT	0	+0/-0.2	-	-	-	1	+0/-1.0	-	-	-	2	+0/-0.5	-	-	-		SIZE A3	SCALE: NTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 20%;">SHEET NO</td> <td style="width: 20%;">REV</td> <td style="width: 20%;">NO</td> </tr> <tr> <td>DRG NO.: WM_SHD_11NOV14</td> <td>1 OF 1</td> <td>A</td> <td></td> </tr> </table>			TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV	NO	DRG NO.: WM_SHD_11NOV14	1 OF 1	A		E
ISSUE STATUS	DRN.	BK-17.11.14	PERTH OFFICE	TRELLEBORG ENGINEERED SYSTEMS AUSTRALIA PTY LTD	BRISBANE OFFICE																																																															
	DSN.		25 GLASSFORD ROAD, KENDALE WA - 6015	515 ZILLMERE ROAD, ZILLMERE, QLD-4034	Telephone: 61 7 3283 4912																																																															
	CHK	ZT-17.11.14	Telephone: 61 8 9256 6000	Facsimile: 61 8 9353 5990	Facsimile: 61 7 3283 2547																																																															
	APD	ZT-17.11.14	A.B.N. 36 000 874 185	Email: tqr@trelleborg.com																																																																
	ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">DECIMAL PLACES</td> <td style="width: 15%;">TOLERANCE (MM)</td> <td style="width: 15%;">PROJECT NO.</td> <td style="width: 15%;">CLIENT</td> <td style="width: 15%;">PROJECT</td> </tr> <tr> <td>0</td> <td>+0/-0.2</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>1</td> <td>+0/-1.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>+0/-0.5</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>			DECIMAL PLACES	TOLERANCE (MM)	PROJECT NO.	CLIENT	PROJECT	0	+0/-0.2	-	-	-	1	+0/-1.0	-	-	-	2	+0/-0.5	-	-	-																																											
DECIMAL PLACES	TOLERANCE (MM)	PROJECT NO.	CLIENT	PROJECT																																																																
0	+0/-0.2	-	-	-																																																																
1	+0/-1.0	-	-	-																																																																
2	+0/-0.5	-	-	-																																																																
	SIZE A3	SCALE: NTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)</td> <td style="width: 20%;">SHEET NO</td> <td style="width: 20%;">REV</td> <td style="width: 20%;">NO</td> </tr> <tr> <td>DRG NO.: WM_SHD_11NOV14</td> <td>1 OF 1</td> <td>A</td> <td></td> </tr> </table>			TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV	NO	DRG NO.: WM_SHD_11NOV14	1 OF 1	A																																																								
TITLE: WEAR MEASUREMENT (5TH RUBBER - 210 X 160)	SHEET NO	REV	NO																																																																	
DRG NO.: WM_SHD_11NOV14	1 OF 1	A																																																																		
1	2	3	4	5	6																																																															





Trelleborg Engineered Systems Australia Pty Ltd
Mining Division 25 Glassford Road Kewdale WA 6105
Telephone +61 (8) 9256 6000 Facsimile +61 (8) 9353 5990
Email: tqr.info@trelleborg.com
www.trelleborg.com.au

RECOMMENDATIONS

Based on the successful results from the Trelleborg Rubber Lifter bar Trial, the Composite Steel lifter bars can now be substituted in both, BALL MILLS- 1 & 2 with lifter bars made in Trelleborg Special Rubber Compound, to attain the following benefits:

- **LOWER COST**
- **LESS POWER DRAW**
- **REDUCED WEIGHT**
- **EASY AND FASTER INSTALL**
- **REDUCED LOAD ON MILL BEARINGS ETC.**
- **NOISE REDUCTION**
- **EASILY MONITORED**
- **NO CRACKING OR FALLING INSERTS –SAFE**

COMPLETED BY:

Zane Thomas

DATE:

19th NOVEMBER, 2014