

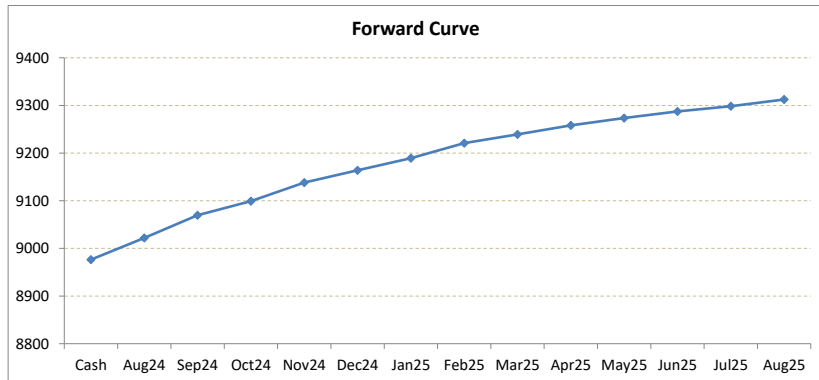
LME Valuation - Copper

Cash - 3M: 127.57c

Date: 2024-07-24

Cash 8976.43
3M 9104.00
 Aug24 9021.93
 Sep24 9069.52
 Oct24 9099.03
 Nov24 9138.10
 Dec24 9164.00
 Jan25 9189.25
 Feb25 9221.00
 Mar25 9239.25
 Apr25 9258.25
 May25 9273.50
 Jun25 9287.50
 Jul25 9298.50
 Aug25 9312.50

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	45.50c	93.09c	122.60c	161.67c	187.57c	212.82c	244.57c	262.82c	281.82c	297.07c	311.07c	322.07c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	82.07c	34.48c	4.97c	34.10c	60.00c	85.25c	117.00c	135.25c	154.25c	169.50c	183.50c	194.50c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	47.59c	29.51c	39.07c	25.90c	25.25c	31.75c	18.25c	19.00c	15.25c	14.00c	11.00c	14.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	47.59c	77.10c	116.17c	142.07c	167.32c	199.07c	217.32c	236.32c	251.57c	265.57c	276.57c	290.57c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
May25	29.51c	68.58c	94.48c	119.73c	151.48c	169.73c	188.73c	203.98c	217.98c	228.98c	242.98c	
Jun25		39.07c	64.97c	90.22c	121.97c	140.22c	159.22c	174.47c	188.47c	199.47c	213.47c	
Jul25			25.90c	51.15c	82.90c	101.15c	120.15c	135.40c	149.40c	160.40c	174.40c	
Aug25				25.25c	57.00c	75.25c	94.25c	109.50c	123.50c	134.50c	148.50c	
					31.75c	50.00c	69.00c	84.25c	98.25c	109.25c	123.25c	
						18.25c	37.25c	52.50c	66.50c	77.50c	91.50c	
							19.00c	34.25c	48.25c	59.25c	73.25c	
								15.25c	29.25c	40.25c	54.25c	
									14.00c	25.00c	39.00c	
										11.00c	25.00c	
											14.00c	



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 ** Source: Reuters

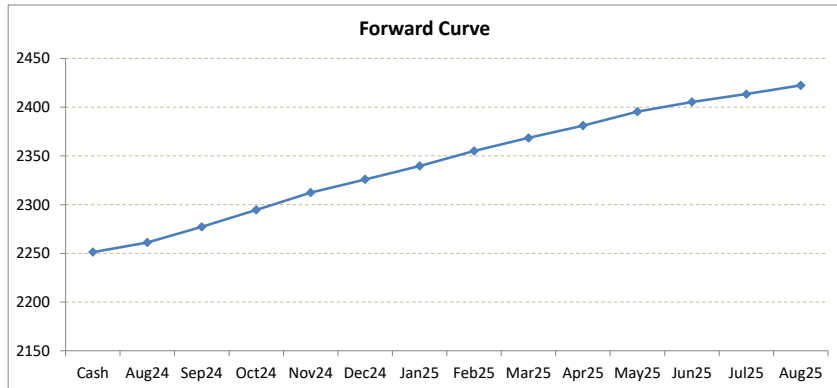
LME Valuation - Aluminium

Cash - 3M: 49.21c

Date: 2024-07-24

Cash 2251.29
3M 2300.50
 Aug24 **2261.20**
 Sep24 **2277.14**
 Oct24 **2294.59**
 Nov24 **2312.34**
 Dec24 **2325.89**
 Jan25 **2339.64**
 Feb25 **2355.14**
 Mar25 **2368.34**
 Apr25 **2381.09**
 May25 **2395.39**
 Jun25 **2405.39**
 Jul25 **2413.39**
 Aug25 **2422.39**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	
Cash	9.91c	25.85c	43.30c	61.05c	74.60c	88.35c	103.85c	117.05c	129.80c	144.10c	154.10c	162.10c	
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	
3M	39.30c	23.36c	5.91c	11.84c	25.39c	39.14c	54.64c	67.84c	80.59c	94.89c	104.89c	112.89c	
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	
3rd wed	15.94c	17.45c	17.75c	13.55c	13.75c	15.50c	13.20c	12.75c	14.30c	10.00c	8.00c	9.00c	
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Aug24	15.94c	33.39c	51.14c	64.69c	78.44c	93.94c	107.14c	119.89c	134.19c	144.19c	152.19c	161.19c	
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Sep24		17.45c	35.20c	48.75c	62.50c	78.00c	91.20c	103.95c	118.25c	128.25c	136.25c	145.25c	
Oct24			17.75c	31.30c	45.05c	60.55c	73.75c	86.50c	100.80c	110.80c	118.80c	127.80c	
Nov24				13.55c	27.30c	42.80c	56.00c	68.75c	83.05c	93.05c	101.05c	110.05c	
Dec24					13.75c	29.25c	42.45c	55.20c	69.50c	79.50c	87.50c	96.50c	
Jan25						15.50c	28.70c	41.45c	55.75c	65.75c	73.75c	82.75c	
Feb25							13.20c	25.95c	40.25c	50.25c	58.25c	67.25c	
Mar25								12.75c	27.05c	37.05c	45.05c	54.05c	
Apr25									14.30c	24.30c	32.30c	41.30c	
May25										10.00c	18.00c	27.00c	
Jun25											8.00c	17.00c	
Jul25												9.00c	
Aug25													



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 ** Source: Reuters

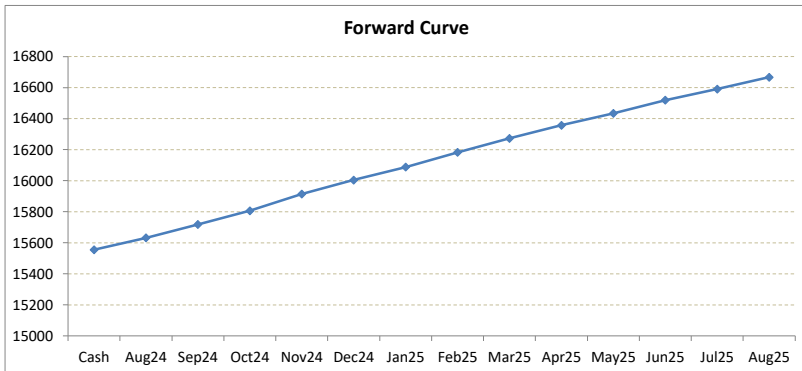
LME Valuation - Nickel

Cash - 3M: 271.21c

Date: 2024-07-24

Cash 15555.79
3M 15827.00
 Aug24 **15632.75**
 Sep24 **15718.75**
 Oct24 **15806.60**
 Nov24 **15914.75**
 Dec24 **16004.25**
 Jan25 **16088.25**
 Feb25 **16183.25**
 Mar25 **16272.75**
 Apr25 **16356.75**
 May25 **16433.75**
 Jun25 **16519.25**
 Jul25 **16590.25**
 Aug25 **16666.25**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	76.96c	162.96c	250.81c	358.96c	448.46c	532.46c	627.46c	716.96c	800.96c	877.96c	963.46c	1034.46c
3M	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	194.25c	108.25c	20.40c	87.75c	177.25c	261.25c	356.25c	445.75c	529.75c	606.75c	692.25c	763.25c
3rd wed	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	86.00c	87.85c	108.15c	89.50c	84.00c	95.00c	89.50c	84.00c	77.00c	85.50c	71.00c	76.00c
Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	86.00c	173.85c	282.00c	371.50c	455.50c	550.50c	640.00c	724.00c	801.00c	886.50c	957.50c	1033.50c
May25	Sep24	87.85c	196.00c	285.50c	369.50c	464.50c	554.00c	638.00c	715.00c	800.50c	871.50c	947.50c
Jun25	Oct24	108.15c	197.65c	281.65c	376.65c	466.15c	550.15c	627.15c	712.65c	783.65c	859.65c	
Jul25	Nov24	89.50c	173.50c	268.50c	358.00c	442.00c	519.00c	604.50c	675.50c	751.50c		
Aug25	Dec24	84.00c	179.00c	268.50c	352.50c	429.50c	515.00c	586.00c	662.00c			
	Jan25	95.00c	184.50c	268.50c	345.50c	431.00c	502.00c	578.00c				
	Feb25	89.50c	173.50c	250.50c	336.00c	407.00c	483.00c					
	Mar25	84.00c	161.00c	246.50c	317.50c	393.50c						
	Apr25	77.00c	162.50c	233.50c	309.50c							
	May25	85.50c	156.50c	232.50c								
	Jun25	71.00c	147.00c									
	Jul25	76.00c										
	Aug25											



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 ** Source: Reuters

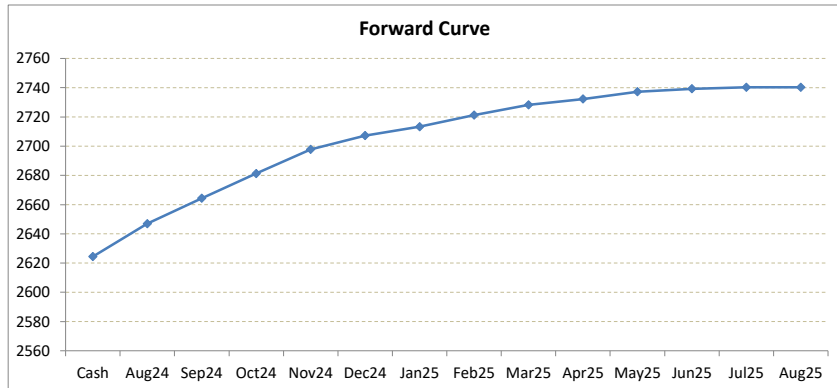
LME Valuation - Zinc

Cash - 3M: **60.51c**

Date: **2024-07-24**

Cash 2624.49
3M 2685.00
 Aug24 **2646.99**
 Sep24 **2664.37**
 Oct24 **2681.27**
 Nov24 **2697.77**
 Dec24 **2707.27**
 Jan25 **2713.27**
 Feb25 **2721.27**
 Mar25 **2728.27**
 Apr25 **2732.27**
 May25 **2737.27**
 Jun25 **2739.27**
 Jul25 **2740.27**
 Aug25 **2740.27**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	22.50c	39.88c	56.78c	73.28c	82.78c	88.78c	96.78c	103.78c	107.78c	112.78c	114.78c	115.78c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	38.01c	20.63c	3.73c	12.77c	22.27c	28.27c	36.27c	43.27c	47.27c	52.27c	54.27c	55.27c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	17.38c	16.90c	16.50c	9.50c	6.00c	8.00c	7.00c	4.00c	5.00c	2.00c	1.00c	0.00b
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	17.38c	34.28c	50.78c	60.28c	66.28c	74.28c	81.28c	85.28c	90.28c	92.28c	93.28c	93.28c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	16.90c	33.40c	42.90c	48.90c	56.90c	63.90c	67.90c	72.90c	74.90c	75.90c	75.90c	75.90c
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Oct24	16.50c	26.00c	32.00c	40.00c	47.00c	51.00c	56.00c	58.00c	59.00c	59.00c	59.00c	59.00c
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25		
Nov24	9.50c	15.50c	23.50c	30.50c	34.50c	39.50c	41.50c	42.50c	42.50c	42.50c	42.50c	42.50c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25			
Dec24	6.00c	14.00c	21.00c	25.00c	30.00c	32.00c	33.00c	33.00c	33.00c	33.00c	33.00c	33.00c
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25				
Jan25	8.00c	15.00c	19.00c	24.00c	26.00c	27.00c	27.00c	27.00c	27.00c	27.00c	27.00c	27.00c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25					
Feb25	7.00c	11.00c	16.00c	18.00c	19.00c	19.00c	19.00c	19.00c	19.00c	19.00c	19.00c	19.00c
	Mar25	Apr25	May25	Jun25	Jul25	Aug25						
Mar25	4.00c	9.00c	11.00c	12.00c	12.00c	12.00c	12.00c	12.00c	12.00c	12.00c	12.00c	12.00c
	Apr25	May25	Jun25	Jul25	Aug25							
Apr25	5.00c	7.00c	8.00c	8.00c	8.00c	8.00c	8.00c	8.00c	8.00c	8.00c	8.00c	8.00c
	May25	Jun25	Jul25	Aug25								
May25	2.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c	3.00c
	Jun25	Jul25	Aug25									
Jun25	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c	1.00c
	Jul25	Aug25										
Jul25	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c
	Aug25											
Aug25	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c	0.00c



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 ** Source: Reuters



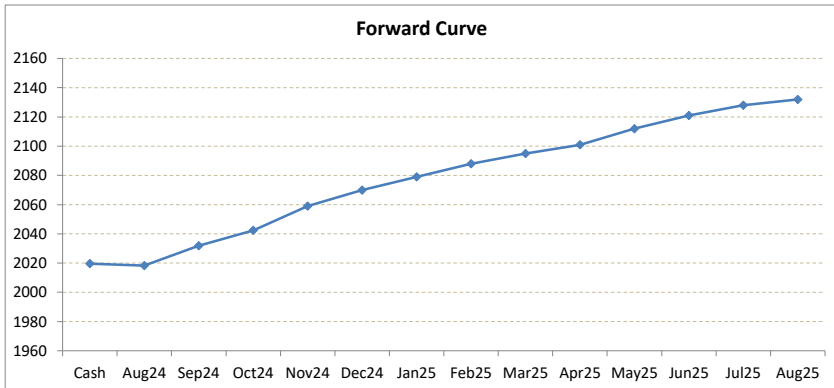
LME Valuation - Lead

Cash - 3M: **24.38c**

Date: **2024-07-24**

Cash 2019.62
3M 2044.00
 Aug24 **2018.27**
 Sep24 **2031.91**
 Oct24 **2042.44**
 Nov24 **2058.94**
 Dec24 **2069.94**
 Jan25 **2078.94**
 Feb25 **2087.93**
 Mar25 **2094.93**
 Apr25 **2100.93**
 May25 **2111.93**
 Jun25 **2120.93**
 Jul25 **2127.93**
 Aug25 **2131.93**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	1.35b	12.29c	22.82c	39.32c	50.32c	59.32c	68.31c	75.31c	81.31c	92.31c	101.31c	108.31c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	25.73c	12.09c	1.56c	14.94c	25.94c	34.94c	43.93c	50.93c	56.93c	67.93c	76.93c	83.93c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	13.64c	10.53c	16.50c	11.00c	9.00c	8.99c	7.00c	6.00c	11.00c	9.00c	7.00c	4.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	13.64c	24.17c	40.67c	51.67c	60.67c	69.66c	76.66c	82.66c	93.66c	102.66c	109.66c	113.66c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	10.53c	27.03c	38.03c	47.03c	56.02c	63.02c	69.02c	80.02c	89.02c	96.02c	100.02c	
Oct24		16.50c	27.50c	36.50c	45.49c	52.49c	58.49c	69.49c	78.49c	85.49c	89.49c	
Nov24			11.00c	20.00c	28.99c	35.99c	41.99c	52.99c	61.99c	68.99c	72.99c	
Dec24				9.00c	17.99c	24.99c	30.99c	41.99c	50.99c	57.99c	61.99c	
Jan25					8.99c	15.99c	21.99c	32.99c	41.99c	48.99c	52.99c	
Feb25						7.00c	13.00c	24.00c	33.00c	40.00c	44.00c	
Mar25							6.00c	17.00c	26.00c	33.00c	37.00c	
Apr25								11.00c	20.00c	27.00c	31.00c	
May25									9.00c	16.00c	20.00c	
Jun25										7.00c	11.00c	
Jul25											4.00c	
Aug25												4.00c



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 ** Source: Reuters



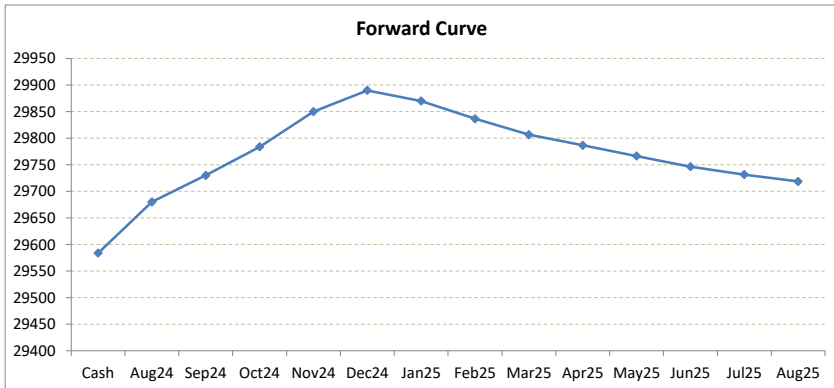
LME Valuation - Tin

Cash - 3M: 206.25c

Date: 2024-07-24

Cash 29583.75
3M 29790.00
 Aug24 **29680.00**
 Sep24 **29730.00**
 Oct24 **29783.75**
 Nov24 **29850.00**
 Dec24 **29890.00**
 Jan25 **29870.00**
 Feb25 **29836.50**
 Mar25 **29806.50**
 Apr25 **29786.50**
 May25 **29766.50**
 Jun25 **29746.50**
 Jul25 **29731.50**
 Aug25 **29718.50**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	96.25c	146.25c	200.00c	266.25c	306.25c	286.25c	252.75c	222.75c	202.75c	182.75c	162.75c	147.75c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	110.00c	60.00c	6.25c	60.00c	100.00c	80.00c	46.50c	16.50c	3.50b	23.50b	43.50b	58.50b
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	50.00c	53.75c	66.25c	40.00c	20.00b	33.50b	30.00b	20.00b	20.00b	20.00b	15.00b	13.00b
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	50.00c	103.75c	170.00c	210.00c	190.00c	156.50c	126.50c	106.50c	86.50c	66.50c	51.50c	38.50c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	53.75c	120.00c	160.00c	140.00c	106.50c	76.50c	56.50c	36.50c	16.50c	1.50c	11.50b	
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Oct24	66.25c	106.25c	86.25c	52.75c	22.75c	2.75c	17.25b	37.25b	52.25b	65.25b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25		
Nov24	40.00c	20.00c	13.50b	43.50b	63.50b	83.50b	103.50b	123.50b	143.50b	158.50b	171.50b	
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25			
Dec24	20.00b	53.50b	83.50b	103.50b	123.50b	143.50b	158.50b	171.50b				
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25				
Jan25	33.50b	63.50b	83.50b	103.50b	123.50b	138.50b	151.50b					
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25					
Feb25	30.00b	50.00b	70.00b	90.00b	105.00b	118.00b						
	Mar25	Apr25	May25	Jun25	Jul25	Aug25						
Mar25	20.00b	40.00b	60.00b	75.00b	88.00b							
	Apr25	May25	Jun25	Jul25	Aug25							
Apr25	20.00b	40.00b	55.00b	68.00b								
	May25	Jun25	Jul25	Aug25								
May25	20.00b	35.00b	48.00b									
	Jun25	Jul25	Aug25									
Jun25	15.00b	28.00b										
	Jul25	Aug25										
Jul25	13.00b											
	Aug25											
Aug25												



*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.
 ** Source: Reuters