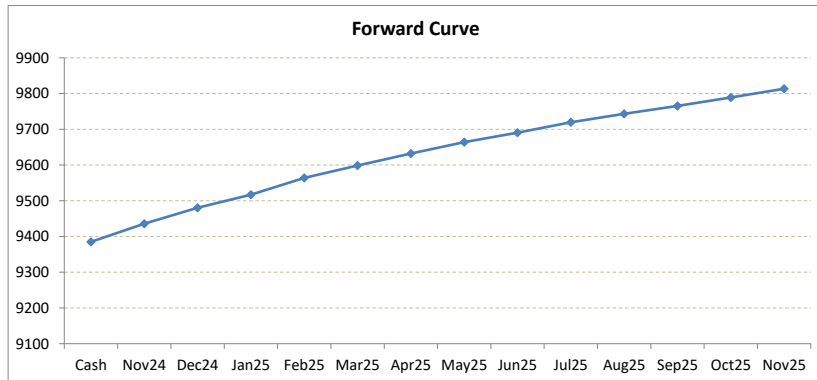


# LME Valuation - Copper

Cash - 3M: 131.08c

Date: 2024-10-17

<b>Cash</b>	<b>9384.92</b>	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
<b>3M</b>	<b>9516.00</b>	50.73c	95.45c	131.95c	178.96c	213.71c	246.96c	278.96c	305.46c	334.46c	358.46c	380.46c	403.96c
Nov24	9435.65												
Dec24	9480.37	Nov24-3M	Dec24-3M	Jan25-3M	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25
Jan25	9516.87	80.35c	35.63c	0.87b	47.88c	82.63c	115.88c	147.88c	174.38c	203.38c	227.38c	249.38c	272.88c
Feb25	9563.88												
Mar25	9598.63	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25
Apr25	9631.88	44.72c	36.50c	47.01c	34.75c	33.25c	32.00c	26.50c	29.00c	24.00c	22.00c	23.50c	24.50c
May25	9663.88												
Jun25	9690.38	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Jul25	9719.38	44.72c	81.22c	128.23c	162.98c	196.23c	228.23c	254.73c	283.73c	307.73c	329.73c	353.23c	377.73c
Aug25	9743.38	Dec24	36.50c	83.51c	118.26c	151.51c	183.51c	210.01c	239.01c	263.01c	285.01c	308.51c	333.01c
Sep25	9765.38	Jan25	47.01c	81.76c	115.01c	147.01c	173.51c	202.51c	226.51c	248.51c	272.01c	296.51c	
Oct25	9788.88	Feb25	34.75c	68.00c	100.00c	126.50c	155.50c	179.50c	201.50c	225.00c	249.50c		
Nov25	9813.38	Mar25	33.25c	65.25c	91.75c	120.75c	144.75c	166.75c	190.25c	214.75c			
		Apr25	32.00c	58.50c	87.50c	111.50c	133.50c	157.00c	181.50c				
		May25	26.50c	55.50c	79.50c	101.50c	125.00c	149.50c					
		Jun25	29.00c	53.00c	75.00c	98.50c	123.00c						
		Jul25	24.00c	46.00c	69.50c	94.00c							
		Aug25	22.00c	45.50c	70.00c								
		Sep25	23.50c	48.00c									
		Oct25	24.50c										
		Nov25											



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 \*\* Source: Reuters



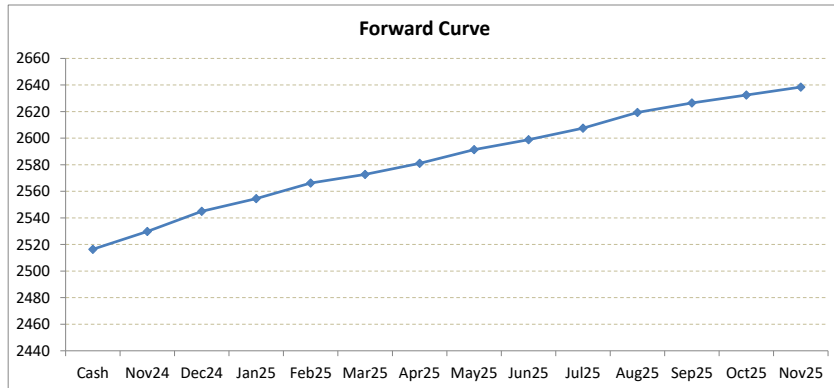
# LME Valuation - Aluminium

Cash - 3M: 37.11c

Date: 2024-10-17

**Cash 2516.39**  
**3M 2553.50**  
 Nov24 **2529.84**  
 Dec24 **2545.02**  
 Jan25 **2554.52**  
 Feb25 **2566.22**  
 Mar25 **2572.72**  
 Apr25 **2581.12**  
 May25 **2591.37**  
 Jun25 **2598.87**  
 Jul25 **2607.55**  
 Aug25 **2619.30**  
 Sep25 **2626.47**  
 Oct25 **2632.47**  
 Nov25 **2638.47**

	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
Cash	13.45c	28.63c	38.13c	49.83c	56.33c	64.73c	74.98c	82.48c	91.16c	102.91c	110.08c	116.08c
	Nov24-3M	Dec24-3M	Jan25-3M	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25
3M	23.66c	8.48c	1.02b	12.72c	19.22c	27.62c	37.87c	45.37c	54.05c	65.80c	72.97c	78.97c
	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25
3rd wed	15.18c	9.50c	11.70c	6.50c	8.40c	10.25c	7.50c	8.68c	11.75c	7.17c	6.00c	6.00c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Nov24	15.18c	24.68c	36.38c	42.88c	51.28c	61.53c	69.03c	77.71c	89.46c	96.63c	102.63c	108.63c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
		9.50c	21.20c	27.70c	36.10c	46.35c	53.85c	62.53c	74.28c	81.45c	87.45c	93.45c
		Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
			11.70c	18.20c	26.60c	36.85c	44.35c	53.03c	64.78c	71.95c	77.95c	83.95c
			Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
				6.50c	14.90c	25.15c	32.65c	41.33c	53.08c	60.25c	66.25c	72.25c
				Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
					8.40c	18.65c	26.15c	34.83c	46.58c	53.75c	59.75c	65.75c
					Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
						10.25c	17.75c	26.43c	38.18c	45.35c	51.35c	57.35c
						May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
							7.50c	16.18c	27.93c	35.10c	41.10c	47.10c
							Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
								8.68c	20.43c	27.60c	33.60c	39.60c
								Jul25	Aug25	Sep25	Oct25	Nov25
									11.75c	18.92c	24.92c	30.92c
									Aug25	Sep25	Oct25	Nov25
										7.17c	13.17c	19.17c
										Sep25	Oct25	Nov25
											6.00c	12.00c
											Oct25	Nov25
												6.00c
												Nov25



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 \*\* Source: Reuters

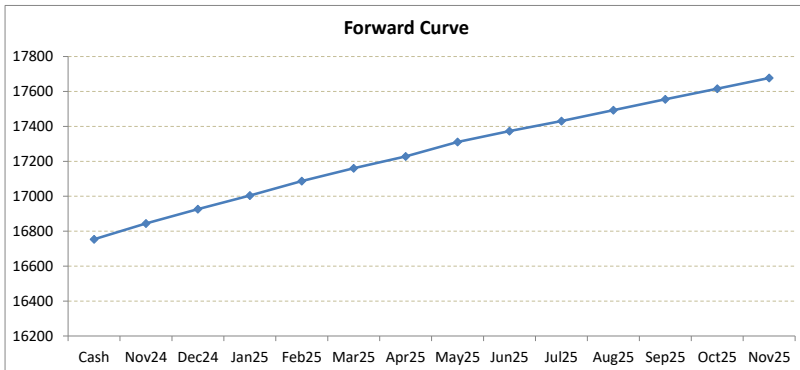
# LME Valuation - Nickel

Cash - 3M: 251.21c

Date: 2024-10-17

**Cash 16753.79**  
**3M 17005.00**  
 Nov24 **16844.17**  
 Dec24 **16926.15**  
 Jan25 **17004.10**  
 Feb25 **17087.04**  
 Mar25 **17160.04**  
 Apr25 **17228.04**  
 May25 **17311.04**  
 Jun25 **17373.04**  
 Jul25 **17431.04**  
 Aug25 **17493.04**  
 Sep25 **17555.04**  
 Oct25 **17616.04**  
 Nov25 **17677.04**

	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
Cash	90.38c	172.36c	250.31c	333.25c	406.25c	474.25c	557.25c	619.25c	677.25c	739.25c	801.25c	862.25c
	Nov24-3M	Dec24-3M	Jan25-3M	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25
3M	160.83c	78.85c	0.90c	82.04c	155.04c	223.04c	306.04c	368.04c	426.04c	488.04c	550.04c	611.04c
	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25
3rd wed	81.98c	77.95c	82.94c	73.00c	68.00c	83.00c	62.00c	58.00c	62.00c	62.00c	61.00c	61.00c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Nov24	81.98c	159.93c	242.87c	315.87c	383.87c	466.87c	528.87c	586.87c	648.87c	710.87c	771.87c	832.87c
	Dec24	77.95c	160.89c	233.89c	301.89c	384.89c	446.89c	504.89c	566.89c	628.89c	689.89c	750.89c
		Jan25	82.94c	155.94c	223.94c	306.94c	368.94c	426.94c	488.94c	550.94c	611.94c	672.94c
			Feb25	73.00c	141.00c	224.00c	286.00c	344.00c	406.00c	468.00c	529.00c	590.00c
				Mar25	68.00c	151.00c	213.00c	271.00c	333.00c	395.00c	456.00c	517.00c
					Apr25	83.00c	145.00c	203.00c	265.00c	327.00c	388.00c	449.00c
						May25	62.00c	120.00c	182.00c	244.00c	305.00c	366.00c
							Jun25	58.00c	120.00c	182.00c	243.00c	304.00c
								Jul25	62.00c	124.00c	185.00c	246.00c
									Aug25	62.00c	123.00c	184.00c
										Sep25	61.00c	122.00c
											Oct25	61.00c
												Nov25



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\*\* Source: Reuters



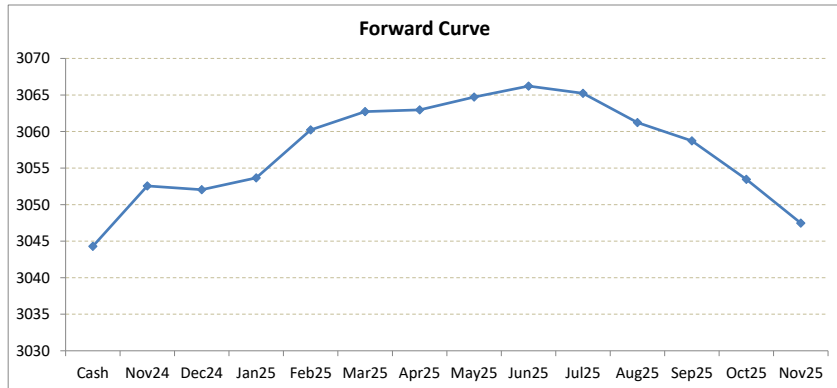
# LME Valuation - Zinc

Cash - 3M: 7.70c

Date: 2024-10-17

**Cash 3044.30**  
**3M 3052.00**  
 Nov24 3052.55  
 Dec24 3052.05  
 Jan25 3053.65  
 Feb25 3060.22  
 Mar25 3062.72  
 Apr25 3062.97  
 May25 3064.72  
 Jun25 3066.22  
 Jul25 3065.22  
 Aug25 3061.22  
 Sep25 3058.72  
 Oct25 3053.47  
 Nov25 3047.47

	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
Cash	8.25c	7.75c	9.35c	15.92c	18.42c	18.67c	20.42c	21.92c	20.92c	16.92c	14.42c	9.17c
	Nov24-3M	Dec24-3M	Jan25-3M	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25
3M	0.55b	0.05b	1.65b	8.22c	10.72c	10.97c	12.72c	14.22c	13.22c	9.22c	6.72c	1.47c
	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25
3rd wed	0.50b	1.60c	6.57c	2.50c	0.25c	1.75c	1.50c	1.00b	4.00b	2.50b	5.25b	6.00b
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Nov24	0.50b	1.10c	7.67c	10.17c	10.42c	12.17c	13.67c	12.67c	8.67c	6.17c	0.92c	5.08b
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
		1.60c	8.17c	10.67c	10.92c	12.67c	14.17c	13.17c	9.17c	6.67c	1.42c	4.58b
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	
		6.57c	9.07c	9.32c	11.07c	12.57c	11.57c	7.57c	5.07c	0.18b	6.18b	
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25		
		2.50c	2.75c	4.50c	6.00c	5.00c	1.00c	1.50b	6.75b	12.75b		
	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25			
		0.25c	2.00c	3.50c	2.50c	1.50b	4.00b	9.25b	15.25b			
	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25				
		1.75c	3.25c	2.25c	1.75b	4.25b	9.50b	15.50b				
	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25					
		1.50c	0.50c	3.50b	6.00b	11.25b	17.25b					
	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25						
		1.00b	5.00b	7.50b	12.75b	18.75b						
	Jul25	Aug25	Sep25	Oct25	Nov25							
		4.00b	6.50b	11.75b	17.75b							
	Aug25	Sep25	Oct25	Nov25								
		2.50b	7.75b	13.75b								
	Sep25	Oct25	Nov25									
		5.25b	11.25b									
	Oct25	Nov25										
		6.00b										



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 \*\* Source: Reuters

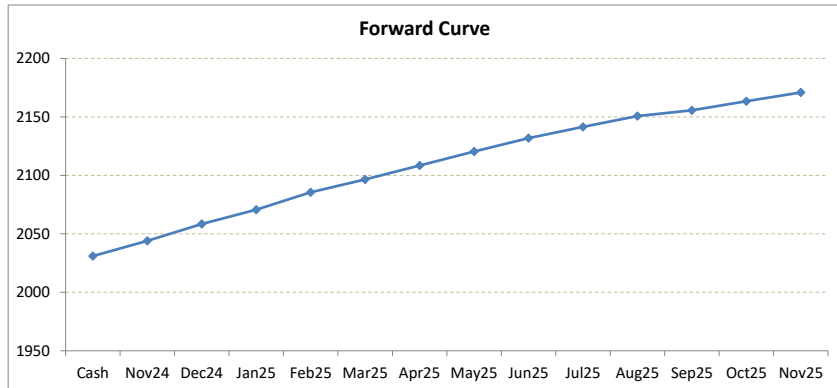
# LME Valuation - Lead

Cash - 3M: **38.50c**

Date: **2024-10-17**

**Cash 2031.00**  
**3M 2069.50**  
 Nov24 **2044.00**  
 Dec24 **2058.42**  
 Jan25 **2070.63**  
 Feb25 **2085.56**  
 Mar25 **2096.56**  
 Apr25 **2108.42**  
 May25 **2120.42**  
 Jun25 **2131.92**  
 Jul25 **2141.42**  
 Aug25 **2150.67**  
 Sep25 **2155.67**  
 Oct25 **2163.42**  
 Nov25 **2170.92**

	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
Cash	13.00c	27.42c	39.63c	54.56c	65.56c	77.42c	89.42c	100.92c	110.42c	119.67c	124.67c	132.42c
	Nov24-3M	Dec24-3M	Jan25-3M	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25
3M	25.50c	11.08c	1.13b	16.06c	27.06c	38.92c	50.92c	62.42c	71.92c	81.17c	86.17c	93.92c
	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25
3rd wed	14.42c	12.21c	14.93c	11.00c	11.86c	12.00c	11.50c	9.50c	9.25c	5.00c	7.75c	7.50c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Nov24	14.42c	26.63c	41.56c	52.56c	64.42c	76.42c	87.92c	97.42c	106.67c	111.67c	119.42c	126.92c
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25
Nov24	12.21c	27.14c	38.14c	50.00c	62.00c	73.50c	83.00c	92.25c	97.25c	105.00c	112.50c	
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	
Nov24	14.93c	25.93c	37.79c	49.79c	61.29c	70.79c	80.04c	85.04c	92.79c	100.29c		
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25		
Nov24	11.00c	22.86c	34.86c	46.36c	55.86c	65.11c	70.11c	77.86c	85.36c			
	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25			
Nov24	11.86c	23.86c	35.36c	44.86c	54.11c	59.11c	66.86c	74.36c				
	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25				
Nov24	12.00c	23.50c	33.00c	42.25c	47.25c	55.00c	62.50c					
	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25					
Nov24	11.50c	21.00c	30.25c	35.25c	43.00c	50.50c						
	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25						
Nov24	9.50c	18.75c	23.75c	31.50c	39.00c							
	Jul25	Aug25	Sep25	Oct25	Nov25							
Nov24	9.25c	14.25c	22.00c	29.50c								
	Aug25	Sep25	Oct25	Nov25								
Nov24	5.00c	12.75c	20.25c									
	Sep25	Oct25	Nov25									
Nov24	7.75c	15.25c										
	Oct25	Nov25										
Nov24	7.50c											



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 \*\* Source: Reuters

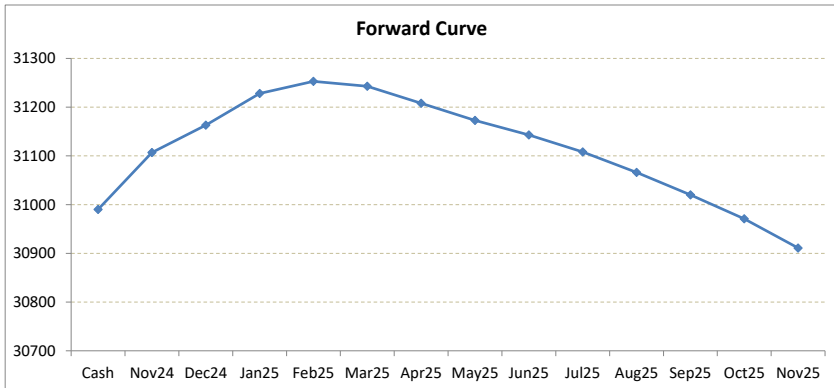


# LME Valuation - Tin

Cash - 3M: 228.00c

Date: 2024-10-17

Cash	30990.00		Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25
3M	31218.00	Cash	117.00c	173.00c	238.00c	263.00c	253.00c	218.00c	183.00c	153.00c	118.00c	76.00c	30.00c	19.00b
Nov24	31107.00													
Dec24	31163.00													
Jan25	31228.00	3M	111.00c	55.00c	10.00b	35.00c	25.00c	10.00b	45.00b	75.00b	110.00b	152.00b	198.00b	247.00b
Feb25	31253.00													
Mar25	31243.00													
Apr25	31208.00	3rd wed	56.00c	65.00c	25.00c	10.00b	35.00b	35.00b	30.00b	35.00b	42.00b	46.00b	49.00b	60.00b
May25	31173.00													
Jun25	31143.00													
Jul25	31108.00	Nov24	56.00c	121.00c	146.00c	136.00c	101.00c	66.00c	36.00c	1.00c	41.00b	87.00b	136.00b	196.00b
Aug25	31066.00		Dec24	65.00c	90.00c	80.00c	45.00c	10.00c	20.00b	55.00b	97.00b	143.00b	192.00b	252.00b
Sep25	31020.00			Jan25	25.00c	15.00c	20.00b	55.00b	85.00b	120.00b	162.00b	208.00b	257.00b	317.00b
Oct25	30971.00				Feb25	10.00b	45.00b	80.00b	110.00b	145.00b	187.00b	233.00b	282.00b	342.00b
Nov25	30911.00					Mar25	35.00b	70.00b	100.00b	135.00b	177.00b	223.00b	272.00b	332.00b
							Apr25	35.00b	65.00b	100.00b	142.00b	188.00b	237.00b	297.00b
								May25	30.00b	65.00b	107.00b	153.00b	202.00b	262.00b
									Jun25	35.00b	77.00b	123.00b	172.00b	232.00b
										Jul25	42.00b	88.00b	137.00b	197.00b
											Aug25	46.00b	95.00b	155.00b
												Sep25	49.00b	109.00b
													Oct25	60.00b
														Nov25



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