

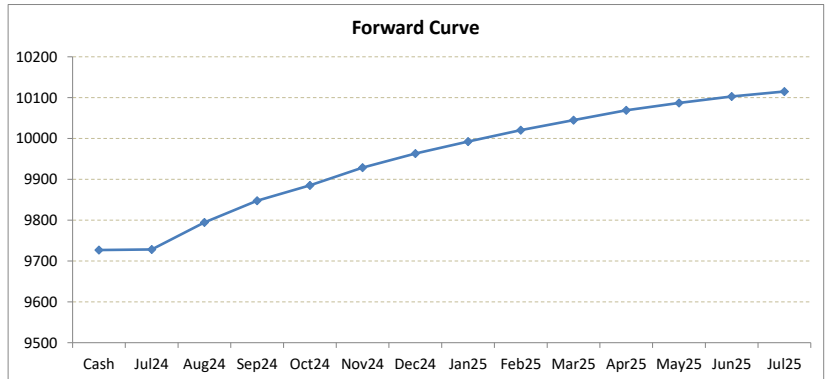
# LME Valuation - Copper

Cash - 3M: 150.12c

Date: 2024-07-12

**Cash 9726.88**  
**3M 9877.00**  
 Jul24 9728.38  
 Aug24 9794.55  
 Sep24 9847.52  
 Oct24 9885.10  
 Nov24 9928.50  
 Dec24 9963.00  
 Jan25 9992.50  
 Feb25 10020.50  
 Mar25 10045.00  
 Apr25 10069.00  
 May25 10087.00  
 Jun25 10102.75  
 Jul25 10115.00

	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
Cash	1.50c	67.67c	120.64c	158.22c	201.62c	236.12c	265.62c	293.62c	318.12c	342.12c	360.12c	375.87c
	Jul24-3M	Aug24-3M	Sep24-3M	3M-Oct24	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25
3M	148.62c	82.45c	29.48c	8.10c	51.50c	86.00c	115.50c	143.50c	168.00c	192.00c	210.00c	225.75c
	Jul24-Aug24	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25
3rd wed	66.17c	52.97c	37.58c	43.40c	34.50c	29.50c	28.00c	24.50c	24.00c	18.00c	15.75c	12.25c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Jul24	66.17c	119.14c	156.72c	200.12c	234.62c	264.12c	292.12c	316.62c	340.62c	358.62c	374.37c	386.62c
Aug24		52.97c	90.55c	133.95c	168.45c	197.95c	225.95c	250.45c	274.45c	292.45c	308.20c	320.45c
Sep24			37.58c	80.98c	115.48c	144.98c	172.98c	197.48c	221.48c	239.48c	255.23c	267.48c
Oct24				43.40c	77.90c	107.40c	135.40c	159.90c	183.90c	201.90c	217.65c	229.90c
Nov24					34.50c	64.00c	92.00c	116.50c	140.50c	158.50c	174.25c	186.50c
Dec24						29.50c	57.50c	82.00c	106.00c	124.00c	139.75c	152.00c
Jan25							28.00c	52.50c	76.50c	94.50c	110.25c	122.50c
Feb25								24.50c	48.50c	66.50c	82.25c	94.50c
Mar25									24.00c	42.00c	57.75c	70.00c
Apr25										18.00c	33.75c	46.00c
May25											15.75c	28.00c
Jun25												12.25c
Jul25												



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 \*\* Source: Reuters



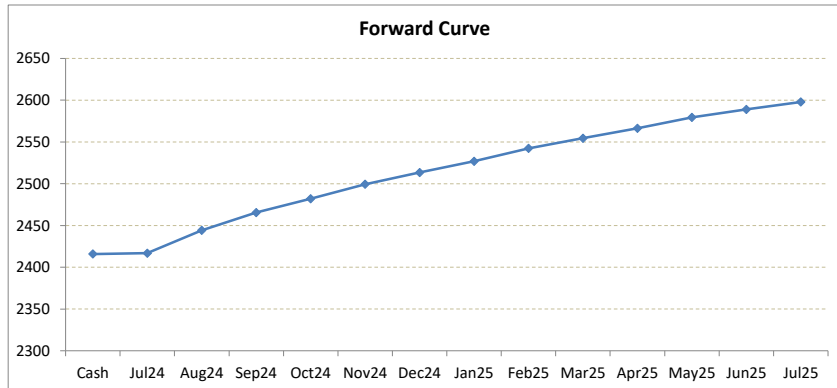
# LME Valuation - Aluminium

Cash - 3M: 65.07c

Date: 2024-07-12

**Cash 2415.93**  
**3M 2481.00**  
 Jul24 **2416.88**  
 Aug24 **2444.21**  
 Sep24 **2465.42**  
 Oct24 **2481.93**  
 Nov24 **2499.43**  
 Dec24 **2513.43**  
 Jan25 **2526.90**  
 Feb25 **2542.43**  
 Mar25 **2554.43**  
 Apr25 **2566.43**  
 May25 **2579.43**  
 Jun25 **2588.93**  
 Jul25 **2597.93**

	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
Cash	0.95c	28.28c	49.49c	66.00c	83.50c	97.50c	110.97c	126.50c	138.50c	150.50c	163.50c	173.00c
	Jul24-3M	Aug24-3M	Sep24-3M	3M-Oct24	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25
3M	64.12c	36.79c	15.58c	0.93c	18.43c	32.43c	45.90c	61.43c	73.43c	85.43c	98.43c	107.93c
	Jul24-Aug24	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25
3rd wed	27.33c	21.21c	16.51c	17.50c	14.00c	13.47c	15.53c	12.00c	12.00c	13.00c	9.50c	9.00c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Jul24	27.33c	48.54c	65.05c	82.55c	96.55c	110.02c	125.55c	137.55c	149.55c	162.55c	172.05c	181.05c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Aug25	21.21c	37.72c	55.22c	69.22c	82.69c	98.22c	110.22c	122.22c	135.22c	144.72c	153.72c	
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	
Sep25	16.51c	34.01c	48.01c	61.48c	77.01c	89.01c	101.01c	114.01c	123.51c	132.51c		
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25		
Oct25	17.50c	31.50c	44.97c	60.50c	72.50c	84.50c	97.50c	107.00c	116.00c			
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25			
Nov25	14.00c	27.47c	43.00c	55.00c	67.00c	80.00c	89.50c	98.50c				
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25				
Dec25	13.47c	29.00c	41.00c	53.00c	66.00c	75.50c	84.50c					
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25					
Jan26	15.53c	27.53c	39.53c	52.53c	62.03c	71.03c						
	Feb25	Mar25	Apr25	May25	Jun25	Jul25						
Feb26	12.00c	24.00c	37.00c	46.50c	55.50c							
	Mar25	Apr25	May25	Jun25	Jul25							
Mar26	12.00c	25.00c	34.50c	43.50c								
	Apr25	May25	Jun25	Jul25								
Apr26	13.00c	22.50c	31.50c									
	May25	Jun25	Jul25									
May26	9.50c	18.50c										
	Jun25	Jul25										
Jun26	9.00c											
	Jul25											
Jul26												



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 \*\* Source: Reuters

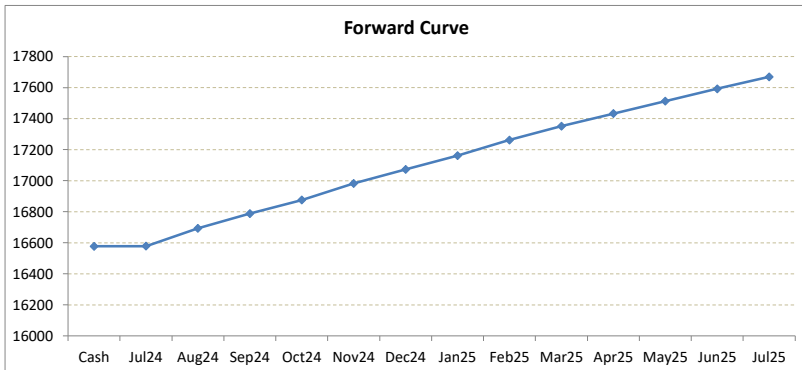


# LME Valuation - Nickel

Cash - 3M: 278.15c

Date: 2024-07-12

Cash	16577.85	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
<b>3M</b>	<b>16856.00</b>	Cash											
Jul24	<b>16579.10</b>	1.25c	116.17c	211.15c	298.15c	405.15c	495.15c	584.15c	684.15c	774.15c	855.15c	935.15c	1014.15c
Aug24	<b>16694.02</b>	3M											
Sep24	<b>16789.00</b>	276.90c	161.98c	67.00c	20.00c	127.00c	217.00c	306.00c	406.00c	496.00c	577.00c	657.00c	736.00c
Oct24	<b>16876.00</b>	3rd wed											
Nov24	<b>16983.00</b>	114.92c	94.98c	87.00c	107.00c	90.00c	89.00c	100.00c	90.00c	81.00c	80.00c	79.00c	77.00c
Jan25	<b>17162.00</b>	Jul24											
Feb25	<b>17262.00</b>	114.92c	209.90c	296.90c	403.90c	493.90c	582.90c	682.90c	772.90c	853.90c	933.90c	1012.90c	1089.90c
Mar25	<b>17352.00</b>	Aug24	94.98c	181.98c	288.98c	378.98c	467.98c	567.98c	657.98c	738.98c	818.98c	897.98c	974.98c
Apr25	<b>17433.00</b>	Sep24	87.00c	194.00c	284.00c	373.00c	473.00c	563.00c	644.00c	724.00c	803.00c	880.00c	
May25	<b>17513.00</b>	Oct24	107.00c	197.00c	286.00c	386.00c	476.00c	557.00c	637.00c	716.00c	793.00c		
Jun25	<b>17592.00</b>	Nov24	90.00c	179.00c	279.00c	369.00c	450.00c	530.00c	609.00c	686.00c			
Jul25	<b>17669.00</b>	Dec24	89.00c	189.00c	279.00c	360.00c	440.00c	519.00c	596.00c				
		Jan25	100.00c	190.00c	271.00c	351.00c	430.00c	507.00c					
		Feb25	90.00c	171.00c	251.00c	330.00c	407.00c						
		Mar25	81.00c	161.00c	240.00c	317.00c							
		Apr25	80.00c	159.00c	236.00c								
		May25	79.00c	156.00c									
		Jun25	77.00c										
		Jul25											



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\*\* Source: Reuters



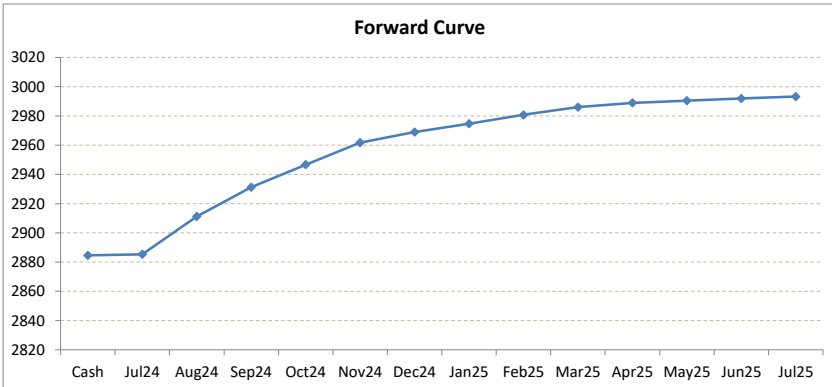
# LME Valuation - Zinc

Cash - 3M: **58.38c**

Date: **2024-07-12**

**Cash 2884.62**  
**3M 2943.00**  
 Jul24 **2885.33**  
 Aug24 **2911.15**  
 Sep24 **2931.23**  
 Oct24 **2946.70**  
 Nov24 **2961.70**  
 Dec24 **2968.95**  
 Jan25 **2974.70**  
 Feb25 **2980.70**  
 Mar25 **2985.95**  
 Apr25 **2988.95**  
 May25 **2990.45**  
 Jun25 **2991.95**  
 Jul25 **2993.20**

	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
Cash	0.71c	26.53c	46.61c	62.08c	77.08c	84.33c	90.08c	96.08c	101.33c	104.33c	105.83c	107.33c
	Jul24-3M	Aug24-3M	Sep24-3M	3M-Oct24	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25
3M	57.67c	31.85c	11.77c	3.70c	18.70c	25.95c	31.70c	37.70c	42.95c	45.95c	47.45c	48.95c
	Jul24-Aug24	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25
3rd wed	25.82c	20.08c	15.47c	15.00c	7.25c	5.75c	6.00c	5.25c	3.00c	1.50c	1.50c	1.25c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Jul24	25.82c	45.90c	61.37c	76.37c	83.62c	89.37c	95.37c	100.62c	103.62c	105.12c	106.62c	107.87c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Aug25	20.08c	35.55c	50.55c	57.80c	63.55c	69.55c	74.80c	77.80c	79.30c	80.80c	82.05c	
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	
Sep25	15.47c	30.47c	37.72c	43.47c	49.47c	54.72c	57.72c	59.22c	60.72c	61.97c		
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25		
Oct25	15.00c	22.25c	28.00c	34.00c	39.25c	42.25c	43.75c	45.25c	46.50c			
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25			
Nov25	7.25c	13.00c	19.00c	24.25c	27.25c	28.75c	30.25c	31.50c				
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25				
Dec25	5.75c	11.75c	17.00c	20.00c	21.50c	23.00c	24.25c					
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25					
Jan26	6.00c	11.25c	14.25c	15.75c	17.25c	18.50c						
	Feb25	Mar25	Apr25	May25	Jun25	Jul25						
Feb26	5.25c	8.25c	9.75c	11.25c	12.50c							
	Mar25	Apr25	May25	Jun25	Jul25							
Mar26	3.00c	4.50c	6.00c	7.25c								
	Apr25	May25	Jun25	Jul25								
Apr26	1.50c	3.00c	4.25c									
	May25	Jun25	Jul25									
May26	1.50c	2.75c										
	Jun25	Jul25										
Jun26	1.25c											
	Jul25											
Jul26												



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 \*\* Source: Reuters

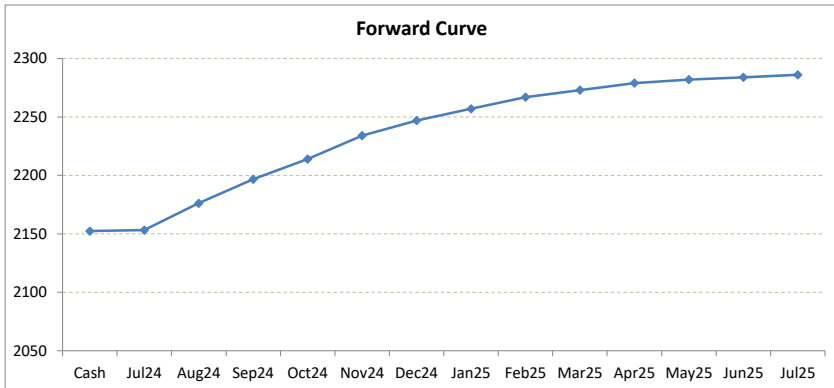
# LME Valuation - Lead

Cash - 3M: 57.69c

Date: 2024-07-12

**Cash 2152.31**  
**3M 2210.00**  
 Jul24 2153.11  
 Aug24 2176.11  
 Sep24 2196.69  
 Oct24 2213.91  
 Nov24 2233.91  
 Dec24 2246.91  
 Jan25 2256.91  
 Feb25 2266.91  
 Mar25 2272.91  
 Apr25 2278.91  
 May25 2281.91  
 Jun25 2283.91  
 Jul25 2285.91

	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
Cash	0.80c	23.80c	44.38c	61.60c	81.60c	94.60c	104.60c	114.60c	120.60c	126.60c	129.60c	131.60c
	Jul24-3M	Aug24-3M	Sep24-3M	3M-Oct24	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25
3M	56.89c	33.89c	13.31c	3.91c	23.91c	36.91c	46.91c	56.91c	62.91c	68.91c	71.91c	73.91c
	Jul24-Aug24	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25
3rd wed	23.00c	20.58c	17.22c	20.00c	13.00c	10.00c	10.00c	6.00c	6.00c	3.00c	2.00c	2.00c
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Jul24	23.00c	43.58c	60.80c	80.80c	93.80c	103.80c	113.80c	119.80c	125.80c	128.80c	130.80c	132.80c
Aug25	Aug24	20.58c	37.80c	57.80c	70.80c	80.80c	90.80c	96.80c	102.80c	105.80c	107.80c	109.80c
May25		Sep24	17.22c	37.22c	50.22c	60.22c	70.22c	76.22c	82.22c	85.22c	87.22c	89.22c
Jun25			Oct24	20.00c	33.00c	43.00c	53.00c	59.00c	65.00c	68.00c	70.00c	72.00c
Jul25				Nov24	13.00c	23.00c	33.00c	39.00c	45.00c	48.00c	50.00c	52.00c
					Dec24	10.00c	20.00c	26.00c	32.00c	35.00c	37.00c	39.00c
						Jan25	10.00c	16.00c	22.00c	25.00c	27.00c	29.00c
							Feb25	6.00c	12.00c	15.00c	17.00c	19.00c
								Mar25	6.00c	9.00c	11.00c	13.00c
									Apr25	3.00c	5.00c	7.00c
										May25	2.00c	4.00c
											Jun25	2.00c
												Jul25



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 \*\* Source: Reuters



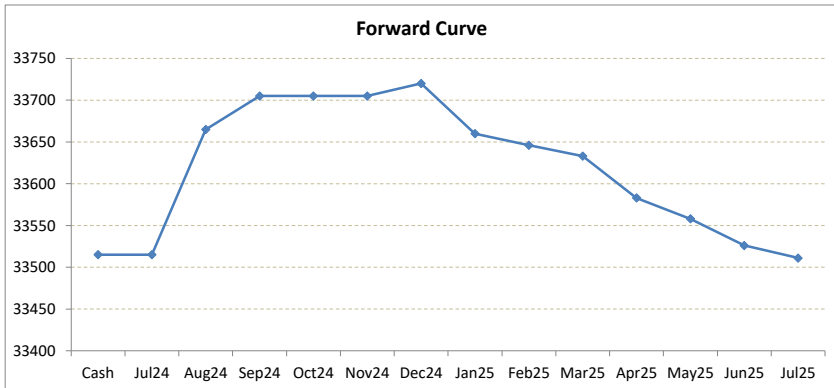
# LME Valuation - Tin

Cash - 3M: 180.00c

Date: 2024-07-12

**Cash 33515.00**  
**3M 33695.00**  
 Jul24 33515.00  
 Aug24 33665.00  
 Sep24 33705.00  
 Oct24 33705.00  
 Nov24 33705.00  
 Dec24 33720.00  
 Jan25 33660.00  
 Feb25 33646.00  
 Mar25 33633.00  
 Apr25 33583.00  
 May25 33558.00  
 Jun25 33526.00  
 Jul25 33511.00

	Cash-Jul24	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25
Cash	0.00b	150.00c	190.00c	190.00c	190.00c	205.00c	145.00c	131.00c	118.00c	68.00c	43.00c	11.00c
	Jul24-3M	Aug24-3M	Sep24-3M	3M-Oct24	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25
3M	180.00c	30.00c	10.00b	10.00c	10.00c	25.00c	35.00b	49.00b	62.00b	112.00b	137.00b	169.00b
	Jul24-Aug24	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25
3rd wed	150.00c	40.00c	0.00b	0.00b	15.00c	60.00b	14.00b	13.00b	50.00b	25.00b	32.00b	15.00b
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Jul24	150.00c	190.00c	190.00c	190.00c	205.00c	145.00c	131.00c	118.00c	68.00c	43.00c	11.00c	4.00b
	Aug24	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25
Aug24	40.00c	40.00c	40.00c	40.00c	55.00c	5.00b	19.00b	32.00b	82.00b	107.00b	139.00b	154.00b
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	
Sep24	0.00b	0.00b	15.00c	45.00b	59.00b	72.00b	122.00b	147.00b	179.00b	194.00b	194.00b	194.00b
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25		
Oct24	0.00b	15.00c	45.00b	59.00b	72.00b	122.00b	147.00b	179.00b	194.00b	209.00b	209.00b	209.00b
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25			
Nov24	15.00c	45.00b	59.00b	72.00b	122.00b	147.00b	179.00b	194.00b	209.00b	209.00b	209.00b	209.00b
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25				
Dec24	60.00b	74.00b	87.00b	137.00b	162.00b	194.00b	209.00b	209.00b	209.00b	209.00b	209.00b	209.00b
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25					
Jan25	14.00b	27.00b	77.00b	102.00b	134.00b	149.00b	149.00b	149.00b	149.00b	149.00b	149.00b	149.00b
	Feb25	Mar25	Apr25	May25	Jun25	Jul25						
Feb25	13.00b	63.00b	88.00b	120.00b	135.00b	135.00b	135.00b	135.00b	135.00b	135.00b	135.00b	135.00b
	Mar25	Apr25	May25	Jun25	Jul25							
Mar25	50.00b	75.00b	107.00b	122.00b	122.00b	122.00b	122.00b	122.00b	122.00b	122.00b	122.00b	122.00b
	Apr25	May25	Jun25	Jul25								
Apr25	25.00b	57.00b	72.00b	72.00b	72.00b	72.00b	72.00b	72.00b	72.00b	72.00b	72.00b	72.00b
	May25	Jun25	Jul25									
May25	32.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b	47.00b
	Jun25	Jul25										
Jun25	32.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b
	Jul25											
Jul25	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b	15.00b



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