

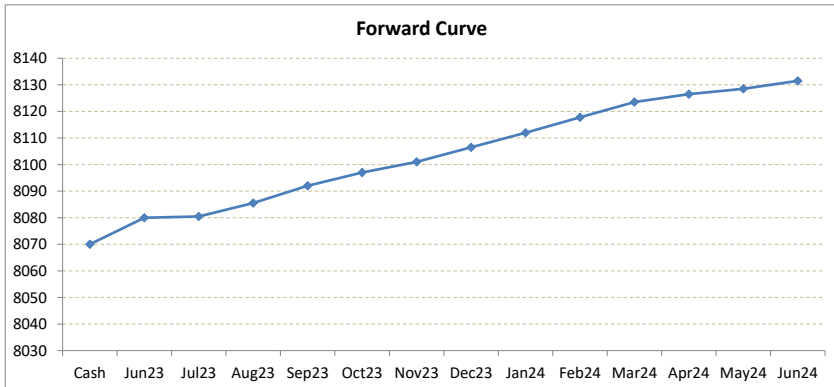
LME Valuation - Copper

Cash - 3M: 19.00c

Date: 2023-05-31

Cash 8070.00
3M 8089.00
 Jun23 8080.00
 Jul23 8080.50
 Aug23 8085.50
 Sep23 8092.00
 Oct23 8097.00
 Nov23 8101.00
 Dec23 8106.50
 Jan24 8112.00
 Feb24 8117.75
 Mar24 8123.50
 Apr24 8126.50
 May24 8128.50
 Jun24 8131.50

	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24	
Cash	10.00c	10.50c	15.50c	22.00c	27.00c	31.00c	36.50c	42.00c	47.75c	53.50c	56.50c	58.50c	
	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24	
3M	9.00c	8.50c	3.50c	3.00c	8.00c	12.00c	17.50c	23.00c	28.75c	34.50c	37.50c	39.50c	
	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24	
3rd wed	0.50c	5.00c	6.50c	5.00c	4.00c	5.50c	5.50c	5.75c	5.75c	3.00c	2.00c	3.00c	
	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24	
Jun23	0.50c	5.50c	12.00c	17.00c	21.00c	26.50c	32.00c	37.75c	43.50c	46.50c	48.50c	51.50c	
Jul23		5.00c	11.50c	16.50c	20.50c	26.00c	31.50c	37.25c	43.00c	46.00c	48.00c	51.00c	
Aug23			6.50c	11.50c	15.50c	21.00c	26.50c	32.25c	38.00c	41.00c	43.00c	46.00c	
Sep23				5.00c	9.00c	14.50c	20.00c	25.75c	31.50c	34.50c	36.50c	39.50c	
Oct23					4.00c	9.50c	15.00c	20.75c	26.50c	29.50c	31.50c	34.50c	
Nov23						5.50c	11.00c	16.75c	22.50c	25.50c	27.50c	30.50c	
Dec23							5.50c	11.25c	17.00c	20.00c	22.00c	25.00c	
Jan24								5.75c	11.50c	14.50c	16.50c	19.50c	
Feb24									5.75c	8.75c	10.75c	13.75c	
Mar24										3.00c	5.00c	8.00c	
Apr24											2.00c	5.00c	
May24												3.00c	
Jun24													3.00c



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

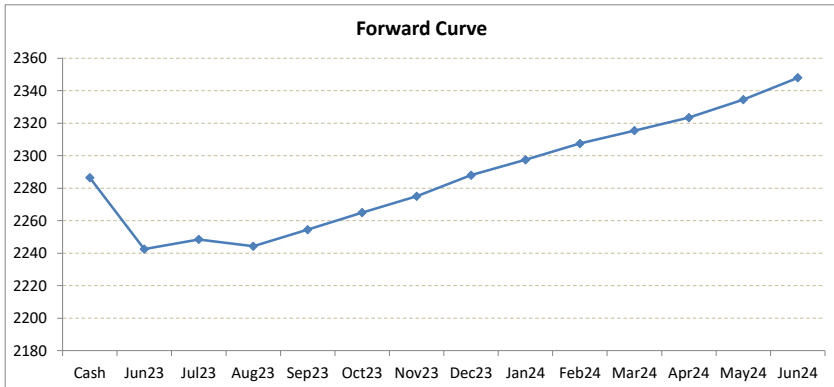
** Source: Reuters

LME Valuation - Aluminium

Cash - 3M: **40.50b**

Date: **2023-05-31**

Cash	2286.50	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24	
3M	2246.00	Cash	44.00b	38.00b	42.27b	32.02b	21.52b	11.50b	1.50c	10.98c	20.98c	28.98c	36.98c	48.00c
Jun23	2242.50													
Jul23	2248.50	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24	
Aug23	2244.23	3M	3.50c	2.50b	1.77c	8.48c	18.98c	29.00c	42.00c	51.48c	61.48c	69.48c	77.48c	88.50c
Sep23	2254.48													
Oct23	2264.98	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24	
Nov23	2275.00	3rd wed	6.00c	4.27b	10.25c	10.50c	10.02c	13.00c	9.48c	10.00c	8.00c	8.00c	11.02c	13.50c
Dec23	2288.00													
Jan24	2297.48	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24	
Feb24	2307.48	Jun23	6.00c	1.73c	11.98c	22.48c	32.50c	45.50c	54.98c	64.98c	72.98c	80.98c	92.00c	105.50c
Mar24	2315.48	Jul23	4.27b	5.98c	16.48c	26.50c	39.50c	48.98c	58.98c	66.98c	74.98c	86.00c	99.50c	
Apr24	2323.48	Aug23	10.25c	20.75c	30.77c	43.77c	53.25c	63.25c	71.25c	79.25c	90.27c	103.77c		
May24	2334.50	Sep23	10.50c	20.52c	33.52c	43.00c	53.00c	61.00c	69.00c	80.02c	93.52c			
Jun24	2348.00	Oct23	10.02c	23.02c	32.50c	42.50c	50.50c	58.50c	69.52c	83.02c				
		Nov23	13.00c	22.48c	32.48c	40.48c	48.48c	59.50c	73.00c					
		Dec23	9.48c	19.48c	27.48c	35.48c	46.50c	60.00c						
		Jan24	10.00c	18.00c	26.00c	37.02c	50.52c							
		Feb24	8.00c	16.00c	27.02c	40.52c								
		Mar24	8.00c	19.02c	32.52c									
		Apr24	11.02c	24.52c										
		May24	13.50c											
		Jun24												



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

** Source: Reuters

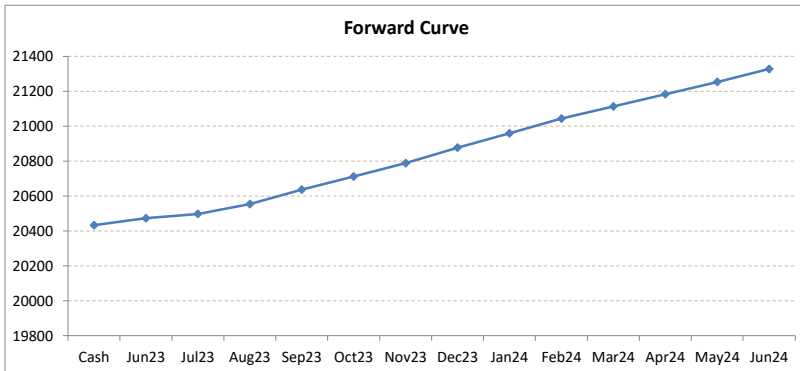
LME Valuation - Nickel

Cash - 3M: 155.00c

Date: 2023-05-31

Cash 20433.00
3M 20588.00
 Jun23 **20473.00**
 Jul23 **20498.00**
 Aug23 **20554.00**
 Sep23 **20637.00**
 Oct23 **20712.00**
 Nov23 **20788.00**
 Dec23 **20877.00**
 Jan24 **20959.00**
 Feb24 **21044.00**
 Mar24 **21113.00**
 Apr24 **21183.00**
 May24 **21253.00**
 Jun24 **21327.00**

	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24
Cash	40.00c	65.00c	121.00c	204.00c	279.00c	355.00c	444.00c	526.00c	611.00c	680.00c	750.00c	820.00c
	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24
3M	115.00c	90.00c	34.00c	49.00c	124.00c	200.00c	289.00c	371.00c	456.00c	525.00c	595.00c	665.00c
	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24
3rd wed	25.00c	56.00c	83.00c	75.00c	76.00c	89.00c	82.00c	85.00c	69.00c	70.00c	70.00c	74.00c
	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24
Jun23	25.00c	81.00c	164.00c	239.00c	315.00c	404.00c	486.00c	571.00c	640.00c	710.00c	780.00c	854.00c
Mar24	Jul23	56.00c	139.00c	214.00c	290.00c	379.00c	461.00c	546.00c	615.00c	685.00c	755.00c	829.00c
Apr24	Aug23	83.00c	158.00c	234.00c	323.00c	405.00c	490.00c	559.00c	629.00c	699.00c	773.00c	
May24	Sep23	75.00c	151.00c	240.00c	322.00c	407.00c	476.00c	546.00c	616.00c	690.00c		
Jun24	Oct23	76.00c	165.00c	247.00c	332.00c	401.00c	471.00c	541.00c	615.00c			
	Nov23	89.00c	171.00c	256.00c	325.00c	395.00c	465.00c	539.00c				
	Dec23	82.00c	167.00c	236.00c	306.00c	376.00c	450.00c					
	Jan24	85.00c	154.00c	224.00c	294.00c	368.00c						
	Feb24	69.00c	139.00c	209.00c	283.00c							
	Mar24	70.00c	140.00c	214.00c								
	Apr24	70.00c	144.00c									
	May24	74.00c										
	Jun24											



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

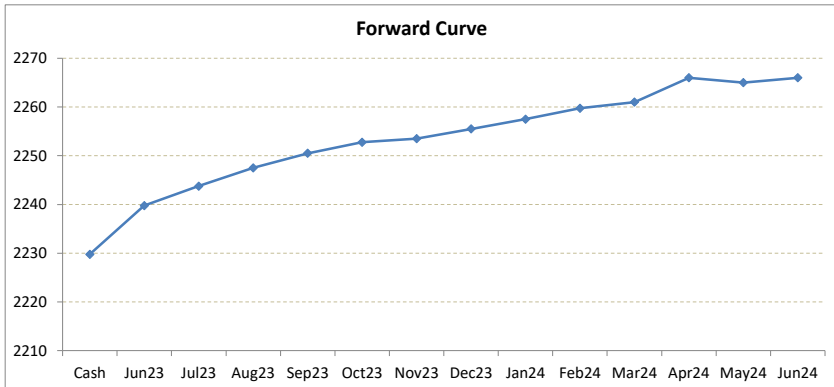
** Source: Reuters

LME Valuation - Zinc

Cash - 3M: 18.75c

Date: 2023-05-31

Cash	2229.75	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24
3M	2248.50	10.00c	14.00c	17.75c	20.75c	23.00c	23.75c	25.75c	27.75c	30.00c	31.25c	36.25c	35.25c
Jun23	2239.75												
Jul23	2243.75	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24
Aug23	2247.50	8.75c	4.75c	1.00c	2.00c	4.25c	5.00c	7.00c	9.00c	11.25c	12.50c	17.50c	16.50c
Sep23	2250.50												
Oct23	2252.75	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24
Nov23	2253.50	4.00c	3.75c	3.00c	2.25c	0.75c	2.00c	2.00c	2.25c	1.25c	5.00c	1.00b	1.00c
Dec23	2255.50												
Jan24	2257.50	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24
Feb24	2259.75	4.00c	7.75c	10.75c	13.00c	13.75c	15.75c	17.75c	20.00c	21.25c	26.25c	25.25c	26.25c
Mar24	2261.00	Jul23	3.75c	6.75c	9.00c	9.75c	11.75c	13.75c	16.00c	17.25c	22.25c	21.25c	22.25c
Apr24	2266.00		Aug23	3.00c	5.25c	6.00c	8.00c	10.00c	12.25c	13.50c	18.50c	17.50c	18.50c
May24	2265.00			Sep23	2.25c	3.00c	5.00c	7.00c	9.25c	10.50c	15.50c	14.50c	15.50c
Jun24	2266.00				Oct23	0.75c	2.75c	4.75c	7.00c	8.25c	13.25c	12.25c	13.25c
						Nov23	2.00c	4.00c	6.25c	7.50c	12.50c	11.50c	12.50c
							Dec23	2.00c	4.25c	5.50c	10.50c	9.50c	10.50c
								Jan24	2.25c	3.50c	8.50c	7.50c	8.50c
									Feb24	1.25c	6.25c	5.25c	6.25c
										Mar24	5.00c	4.00c	5.00c
											Apr24	1.00b	0.00b
												May24	1.00c
													Jun24



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

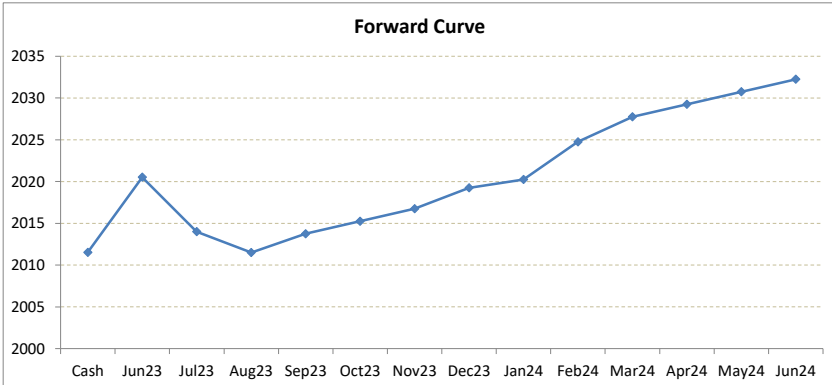
** Source: Reuters

LME Valuation - Lead

Cash - 3M: 0.97c

Date: 2023-05-31

Cash	2011.53	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24
3M	2012.50	8.99c	2.47c	0.03b	2.22c	3.72c	5.22c	7.72c	8.72c	13.22c	16.22c	17.72c	19.22c
Jun23	2020.52												
Jul23	2014.00	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24
Aug23	2011.50	8.02b	1.50b	1.00c	1.25c	2.75c	4.25c	6.75c	7.75c	12.25c	15.25c	16.75c	18.25c
Sep23	2013.75												
Oct23	2015.25	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24
Nov23	2016.75	6.52b	2.50b	2.25c	1.50c	1.50c	2.50c	1.00c	4.50c	3.00c	1.50c	1.50c	1.50c
Dec23	2019.25												
Jan24	2020.25	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24
Feb24	2024.75	6.52b	9.02b	6.77b	5.27b	3.77b	1.27b	0.27b	4.23c	7.23c	8.73c	10.23c	11.73c
Mar24	2027.75	Jul23	2.50b	0.25b	1.25c	2.75c	5.25c	6.25c	10.75c	13.75c	15.25c	16.75c	18.25c
Apr24	2029.25		Aug23	2.25c	3.75c	5.25c	7.75c	8.75c	13.25c	16.25c	17.75c	19.25c	20.75c
May24	2030.75			Sep23	1.50c	3.00c	5.50c	6.50c	11.00c	14.00c	15.50c	17.00c	18.50c
Jun24	2032.25				Oct23	1.50c	4.00c	5.00c	9.50c	12.50c	14.00c	15.50c	17.00c
						Nov23	2.50c	3.50c	8.00c	11.00c	12.50c	14.00c	15.50c
							Dec23	1.00c	5.50c	8.50c	10.00c	11.50c	13.00c
								Jan24	4.50c	7.50c	9.00c	10.50c	12.00c
									Feb24	3.00c	4.50c	6.00c	7.50c
										Mar24	1.50c	3.00c	4.50c
											Apr24	1.50c	3.00c
												May24	1.50c
													Jun24



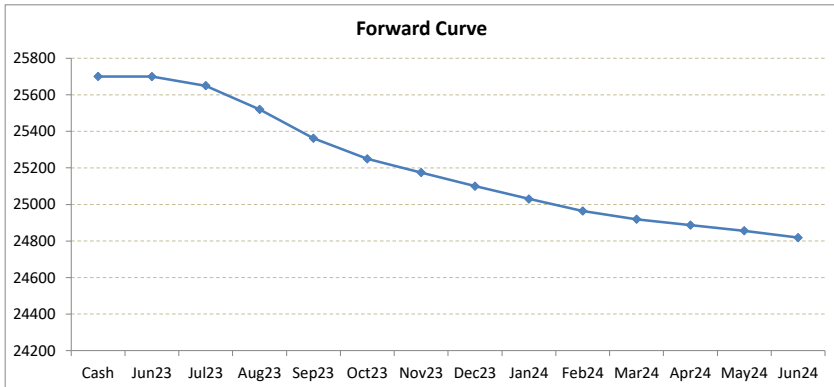
*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.
 ** Source: Reuters

LME Valuation - Tin

Cash - 3M: **246.91b**

Date: **2023-05-31**

	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24
Cash	25700.91											
3M	25454.00											
Jun23	25699.91											
Jul23	25649.91											
Aug23	25519.91											
Sep23	25362.00											
Oct23	25250.00											
Nov23	25175.00											
Dec23	25100.00											
Jan24	25029.91											
Feb24	24963.91											
Mar24	24918.91											
Apr24	24886.91											
May24	24855.91											
Jun24	24817.91											
	Cash-Jun23	Cash-Jul23	Cash-Aug23	Cash-Sep23	Cash-Oct23	Cash-Nov23	Cash-Dec23	Cash-Jan24	Cash-Feb24	Cash-Mar24	Cash-Apr24	Cash-May24
Cash	1.00b	51.00b	181.00b	338.91b	450.91b	525.91b	600.91b	671.00b	737.00b	782.00b	814.00b	845.00b
	Jun23-3M	Jul23-3M	Aug23-3M	3M-Sep23	3M-Oct23	3M-Nov23	3M-Dec23	3M-Jan24	3M-Feb24	3M-Mar24	3M-Apr24	3M-May24
3M	245.91b	195.91b	65.91b	92.00b	204.00b	279.00b	354.00b	424.09b	490.09b	535.09b	567.09b	598.09b
	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	Sep23-Oct23	Oct23-Nov23	Nov23-Dec23	Dec23-Jan24	Jan24-Feb24	Feb24-Mar24	Mar24-Apr24	Apr24-May24	May24-Jun24
3rd wed	50.00b	130.00b	157.91b	112.00b	75.00b	75.00b	70.09b	66.00b	45.00b	32.00b	31.00b	38.00b
	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24
Jun23	50.00b	180.00b	337.91b	449.91b	524.91b	599.91b	670.00b	736.00b	781.00b	813.00b	844.00b	882.00b
	Jul23	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24
Jul23		130.00b	287.91b	399.91b	474.91b	549.91b	620.00b	686.00b	731.00b	763.00b	794.00b	832.00b
	Aug23	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24	
Aug23			157.91b	269.91b	344.91b	419.91b	490.00b	556.00b	601.00b	633.00b	664.00b	702.00b
	Sep23	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24		
Sep23				112.00b	187.00b	262.00b	332.09b	398.09b	443.09b	475.09b	506.09b	544.09b
	Oct23	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24			
Oct23					75.00b	150.00b	220.09b	286.09b	331.09b	363.09b	394.09b	432.09b
	Nov23	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24				
Nov23						75.00b	145.09b	211.09b	256.09b	288.09b	319.09b	357.09b
	Dec23	Jan24	Feb24	Mar24	Apr24	May24	Jun24					
Dec23							70.09b	136.09b	181.09b	213.09b	244.09b	282.09b
	Jan24	Feb24	Mar24	Apr24	May24	Jun24						
Jan24								66.00b	111.00b	143.00b	174.00b	212.00b
	Feb24	Mar24	Apr24	May24	Jun24							
Feb24									45.00b	77.00b	108.00b	146.00b
	Mar24	Apr24	May24	Jun24								
Mar24										32.00b	63.00b	101.00b
	Apr24	May24	Jun24									
Apr24											31.00b	69.00b
	May24	Jun24										
May24												38.00b
	Jun24											
Jun24												



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

** Source: Reuters