

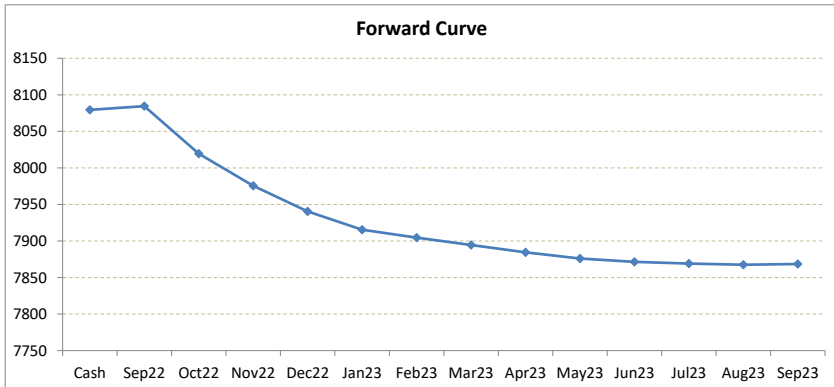
# LME Valuation - Copper

Cash - 3M: **124.00b**

Date: **2022-09-12**

**Cash 8079.50**  
**3M 7955.50**  
 Sep22 8084.50  
 Oct22 8019.50  
 Nov22 7975.50  
 Dec22 7940.50  
 Jan23 7915.50  
 Feb23 7904.50  
 Mar23 7894.50  
 Apr23 7884.50  
 May23 7876.00  
 Jun23 7871.50  
 Jul23 7869.00  
 Aug23 7867.50  
 Sep23 7868.50

	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23
Cash	5.00c	60.00b	104.00b	139.00b	164.00b	175.00b	185.00b	195.00b	203.50b	208.00b	210.50b	212.00b
	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23
3M	129.00b	64.00b	20.00b	15.00b	40.00b	51.00b	61.00b	71.00b	79.50b	84.00b	86.50b	88.00b
	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23
3rd wed	65.00b	44.00b	35.00b	25.00b	11.00b	10.00b	10.00b	8.50b	4.50b	2.50b	1.50b	1.00c
	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
Sep22	65.00b	109.00b	144.00b	169.00b	180.00b	190.00b	200.00b	208.50b	213.00b	215.50b	217.00b	216.00b
	Oct22	44.00b	79.00b	104.00b	115.00b	125.00b	135.00b	143.50b	148.00b	150.50b	152.00b	151.00b
		Nov22	35.00b	60.00b	71.00b	81.00b	91.00b	99.50b	104.00b	106.50b	108.00b	107.00b
			Dec22	25.00b	36.00b	46.00b	56.00b	64.50b	69.00b	71.50b	73.00b	72.00b
				Jan23	11.00b	21.00b	31.00b	39.50b	44.00b	46.50b	48.00b	47.00b
					Feb23	10.00b	20.00b	28.50b	33.00b	35.50b	37.00b	36.00b
						Mar23	10.00b	18.50b	23.00b	25.50b	27.00b	26.00b
							Apr23	8.50b	13.00b	15.50b	17.00b	16.00b
								May23	4.50b	7.00b	8.50b	7.50b
									Jun23	2.50b	4.00b	3.00b
										Jul23	1.50b	0.50b
											Aug23	1.00c
												Sep23



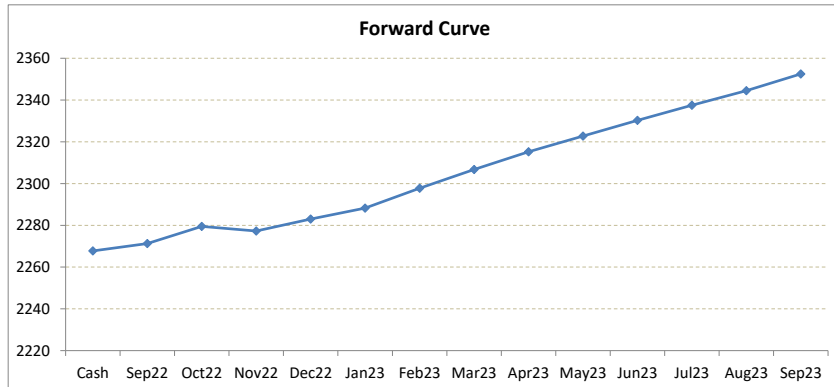
\*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.  
 \*\* Source: Reuters

# LME Valuation - Aluminium

Cash - 3M: 15.25c

Date: 2022-09-12

<b>Cash</b>	<b>2267.75</b>	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23
<b>3M</b>	<b>2283.00</b>	3.50c	11.75c	9.50c	15.25c	20.50c	30.00c	39.00c	47.50c	55.00c	62.50c	69.75c	76.75c
Sep22	<b>2271.25</b>												
Oct22	<b>2279.50</b>	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23
Nov22	<b>2277.25</b>	11.75c	3.50c	5.75c	0.00b	5.25c	14.75c	23.75c	32.25c	39.75c	47.25c	54.50c	61.50c
Dec22	<b>2283.00</b>												
Jan23	<b>2288.25</b>	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23
Feb23	<b>2297.75</b>	8.25c	2.25b	5.75c	5.25c	9.50c	9.00c	8.50c	7.50c	7.50c	7.25c	7.00c	8.00c
Mar23	<b>2306.75</b>												
Apr23	<b>2315.25</b>	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
May23	<b>2322.75</b>	8.25c	6.00c	11.75c	17.00c	26.50c	35.50c	44.00c	51.50c	59.00c	66.25c	73.25c	81.25c
Jun23	<b>2330.25</b>	Oct22	2.25b	3.50c	8.75c	18.25c	27.25c	35.75c	43.25c	50.75c	58.00c	65.00c	73.00c
Jul23	<b>2337.50</b>		Nov22	5.75c	11.00c	20.50c	29.50c	38.00c	45.50c	53.00c	60.25c	67.25c	75.25c
Aug23	<b>2344.50</b>			Dec22	5.25c	14.75c	23.75c	32.25c	39.75c	47.25c	54.50c	61.50c	69.50c
Sep23	<b>2352.50</b>				Jan23	9.50c	18.50c	27.00c	34.50c	42.00c	49.25c	56.25c	64.25c
					Feb23	9.00c	17.50c	25.00c	32.50c	39.75c	46.75c	54.75c	
					Mar23	8.50c	16.00c	23.50c	30.75c	37.75c	45.75c		
					Apr23	7.50c	15.00c	22.25c	29.25c	37.25c			
					May23	7.50c	14.75c	21.75c	29.75c				
					Jun23	7.25c	14.25c	22.25c					
					Jul23	7.00c	15.00c						
					Aug23	8.00c							
					Sep23								



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

\*\* Source: Reuters

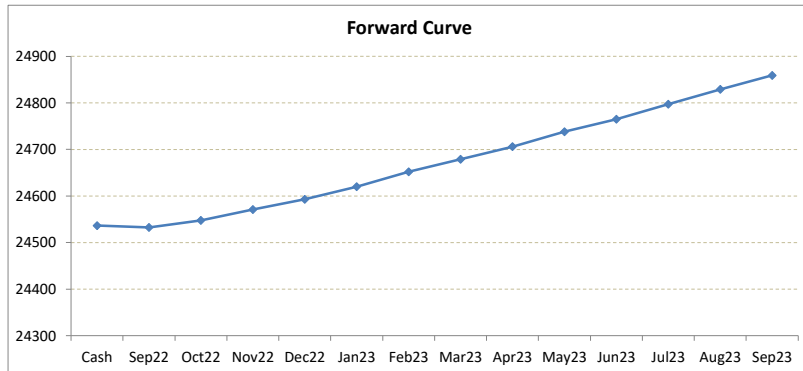
# LME Valuation - Nickel

Cash - 3M: 40.50c

Date: 2022-09-12

**Cash 24536.50**  
**3M 24577.00**  
 Sep22 **24532.50**  
 Oct22 **24547.50**  
 Nov22 **24571.00**  
 Dec22 **24593.00**  
 Jan23 **24620.00**  
 Feb23 **24652.00**  
 Mar23 **24679.00**  
 Apr23 **24706.00**  
 May23 **24738.00**  
 Jun23 **24765.00**  
 Jul23 **24797.00**  
 Aug23 **24829.00**  
 Sep23 **24859.00**

	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23	
Cash	4.00b	11.00c	34.50c	56.50c	83.50c	115.50c	142.50c	169.50c	201.50c	228.50c	260.50c	292.50c	
	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23	
3M	44.50c	29.50c	6.00c	16.00c	43.00c	75.00c	102.00c	129.00c	161.00c	188.00c	220.00c	252.00c	
	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23	
3rd wed	15.00c	23.50c	22.00c	27.00c	32.00c	27.00c	27.00c	32.00c	27.00c	32.00c	32.00c	30.00c	
	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23	
Sep22	15.00c	38.50c	60.50c	87.50c	119.50c	146.50c	173.50c	205.50c	232.50c	264.50c	296.50c	326.50c	
Oct22		23.50c	45.50c	72.50c	104.50c	131.50c	158.50c	190.50c	217.50c	249.50c	281.50c	311.50c	
Nov22			22.00c	49.00c	81.00c	108.00c	135.00c	167.00c	194.00c	226.00c	258.00c	288.00c	
Dec22				27.00c	59.00c	86.00c	113.00c	145.00c	172.00c	204.00c	236.00c	266.00c	
Jan23					32.00c	59.00c	86.00c	118.00c	145.00c	177.00c	209.00c	239.00c	
Feb23						27.00c	54.00c	86.00c	113.00c	145.00c	177.00c	207.00c	
Mar23							27.00c	59.00c	86.00c	118.00c	150.00c	180.00c	
Apr23								32.00c	59.00c	91.00c	123.00c	153.00c	
May23									27.00c	59.00c	91.00c	121.00c	
Jun23										32.00c	64.00c	94.00c	
Jul23											32.00c	62.00c	
Aug23												30.00c	
Sep23													30.00c



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

\*\* Source: Reuters

# LME Valuation - Zinc

Cash - 3M: **13.25b**

Date: **2022-09-12**

	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23
<b>Cash</b>	<b>3209.75</b>											
<b>3M</b>	<b>3196.50</b>											
Sep22	<b>3210.50</b>											
Oct22	<b>3213.50</b>											
Nov22	<b>3207.50</b>											
Dec22	<b>3194.75</b>											
Jan23	<b>3181.75</b>											
Feb23	<b>3164.25</b>											
Mar23	<b>3146.75</b>											
Apr23	<b>3126.75</b>											
May23	<b>3108.25</b>											
Jun23	<b>3088.25</b>											
Jul23	<b>3070.25</b>											
Aug23	<b>3044.75</b>											
Sep23	<b>3027.75</b>											

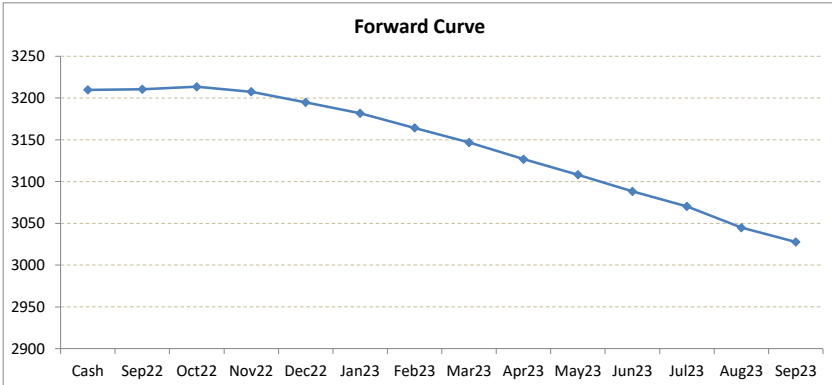
	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23
Cash	0.75c	3.75c	2.25b	15.00b	28.00b	45.50b	63.00b	83.00b	101.50b	121.50b	139.50b	165.00b
3M	14.00b	17.00b	11.00b	1.75b	14.75b	32.25b	49.75b	69.75b	88.25b	108.25b	126.25b	151.75b

	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23
3rd wed	3.00c	6.00b	12.75b	13.00b	17.50b	17.50b	20.00b	18.50b	20.00b	18.00b	25.50b	17.00b

	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
Sep22	3.00c	3.00b	15.75b	28.75b	46.25b	63.75b	83.75b	102.25b	122.25b	140.25b	165.75b	182.75b
	Oct22	6.00b	18.75b	31.75b	49.25b	66.75b	86.75b	105.25b	125.25b	143.25b	168.75b	185.75b
		Nov22	12.75b	25.75b	43.25b	60.75b	80.75b	99.25b	119.25b	137.25b	162.75b	179.75b
			Dec22	13.00b	30.50b	48.00b	68.00b	86.50b	106.50b	124.50b	150.00b	167.00b
				Jan23	17.50b	35.00b	55.00b	73.50b	93.50b	111.50b	137.00b	154.00b
					Feb23	17.50b	37.50b	56.00b	76.00b	94.00b	119.50b	136.50b
						Mar23	20.00b	38.50b	58.50b	76.50b	102.00b	119.00b
							Apr23	18.50b	38.50b	56.50b	82.00b	99.00b
								May23	20.00b	38.00b	63.50b	80.50b
									Jun23	18.00b	43.50b	60.50b
										Jul23	25.50b	42.50b
											Aug23	17.00b
												Sep23



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

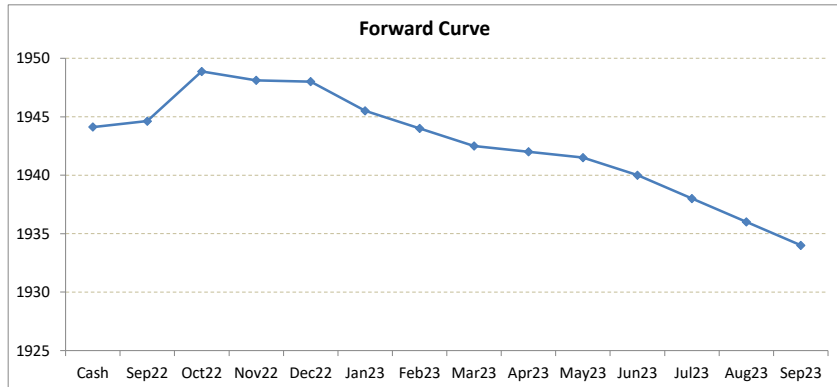
# LME Valuation - Lead

Cash - 3M: 4.88c

Date: 2022-09-12

**Cash 1944.12**  
**3M 1949.00**  
 Sep22 **1944.62**  
 Oct22 **1948.87**  
 Nov22 **1948.12**  
 Dec22 **1948.00**  
 Jan23 **1945.50**  
 Feb23 **1944.00**  
 Mar23 **1942.50**  
 Apr23 **1942.00**  
 May23 **1941.50**  
 Jun23 **1940.00**  
 Jul23 **1938.00**  
 Aug23 **1936.00**  
 Sep23 **1934.00**

	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23
Cash	0.50c	4.75c	4.00c	3.88c	1.38c	0.12b	1.62b	2.12b	2.62b	4.12b	6.12b	8.12b
	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23
3M	4.38c	0.13c	0.88c	1.00b	3.50b	5.00b	6.50b	7.00b	7.50b	9.00b	11.00b	13.00b
	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23
3rd wed	4.25c	0.75b	0.12b	2.50b	1.50b	1.50b	0.50b	0.50b	1.50b	2.00b	2.00b	2.00b
	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
Sep22	4.25c	3.50c	3.38c	0.88c	0.62b	2.12b	2.62b	3.12b	4.62b	6.62b	8.62b	10.62b
	Oct22	0.75b	0.87b	3.37b	4.87b	6.37b	6.87b	7.37b	8.87b	10.87b	12.87b	14.87b
		Nov22	0.12b	2.62b	4.12b	5.62b	6.12b	6.62b	8.12b	10.12b	12.12b	14.12b
			Dec22	2.50b	4.00b	5.50b	6.00b	6.50b	8.00b	10.00b	12.00b	14.00b
				Jan23	1.50b	3.00b	3.50b	4.00b	5.50b	7.50b	9.50b	11.50b
					Feb23	1.50b	2.00b	2.50b	4.00b	6.00b	8.00b	10.00b
						Mar23	0.50b	1.00b	2.50b	4.50b	6.50b	8.50b
							Apr23	0.50b	2.00b	4.00b	6.00b	8.00b
								May23	1.50b	3.50b	5.50b	7.50b
									Jun23	2.00b	4.00b	6.00b
										Jul23	2.00b	4.00b
											Aug23	2.00b
												Sep23



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

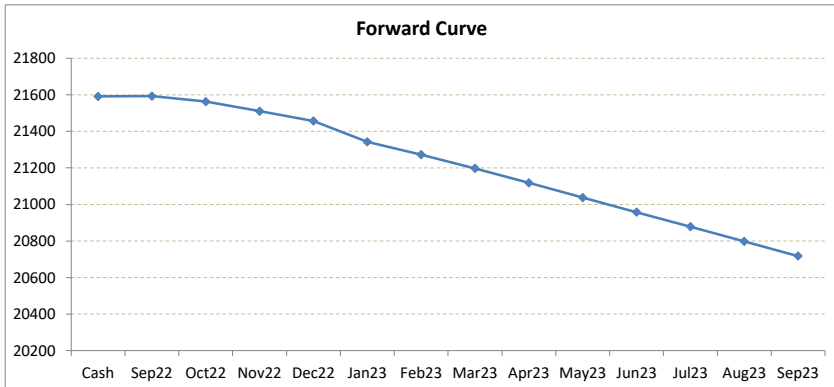
# LME Valuation - Tin

Cash - 3M: **130.00b**

Date: **2022-09-12**

**Cash 21591.00**  
**3M 21461.00**  
 Sep22 **21593.00**  
 Oct22 **21563.00**  
 Nov22 **21510.00**  
 Dec22 **21457.00**  
 Jan23 **21342.87**  
 Feb23 **21272.87**  
 Mar23 **21197.87**  
 Apr23 **21117.87**  
 May23 **21037.87**  
 Jun23 **20957.87**  
 Jul23 **20877.87**  
 Aug23 **20797.87**  
 Sep23 **20717.87**

	Cash-Sep22	Cash-Oct22	Cash-Nov22	Cash-Dec22	Cash-Jan23	Cash-Feb23	Cash-Mar23	Cash-Apr23	Cash-May23	Cash-Jun23	Cash-Jul23	Cash-Aug23
Cash	2.00c	28.00b	81.00b	134.00b	248.13b	318.13b	393.13b	473.13b	553.13b	633.13b	713.13b	793.13b
	Sep22-3M	Oct22-3M	Nov22-3M	3M-Dec22	3M-Jan23	3M-Feb23	3M-Mar23	3M-Apr23	3M-May23	3M-Jun23	3M-Jul23	3M-Aug23
3M	132.00b	102.00b	49.00b	4.00b	118.13b	188.13b	263.13b	343.13b	423.13b	503.13b	583.13b	663.13b
	Sep22-Oct22	Oct22-Nov22	Nov22-Dec22	Dec22-Jan23	Jan23-Feb23	Feb23-Mar23	Mar23-Apr23	Apr23-May23	May23-Jun23	Jun23-Jul23	Jul23-Aug23	Aug23-Sep23
3rd wed	30.00b	53.00b	53.00b	114.13b	70.00b	75.00b	80.00b	80.00b	80.00b	80.00b	80.00b	80.00b
	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
Sep22	30.00b	83.00b	136.00b	250.13b	320.13b	395.13b	475.13b	555.13b	635.13b	715.13b	795.13b	875.13b
	Oct22	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23
Sep22	53.00b	106.00b	220.13b	290.13b	365.13b	445.13b	525.13b	605.13b	685.13b	765.13b	845.13b	
	Nov22	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23	
Sep22	53.00b	167.13b	237.13b	312.13b	392.13b	472.13b	552.13b	632.13b	712.13b	792.13b		
	Dec22	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23		
Sep22	114.13b	184.13b	259.13b	339.13b	419.13b	499.13b	579.13b	659.13b	739.13b			
	Jan23	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23			
Sep22	70.00b	145.00b	225.00b	305.00b	385.00b	465.00b	545.00b	625.00b				
	Feb23	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23				
Sep22	75.00b	155.00b	235.00b	315.00b	395.00b	475.00b	555.00b					
	Mar23	Apr23	May23	Jun23	Jul23	Aug23	Sep23					
Sep22	80.00b	160.00b	240.00b	320.00b	400.00b	480.00b						
	Apr23	May23	Jun23	Jul23	Aug23	Sep23						
Sep22	80.00b	160.00b	240.00b	320.00b	400.00b							
	May23	Jun23	Jul23	Aug23	Sep23							
Sep22	80.00b	160.00b	240.00b									
	Jun23	Jul23	Aug23	Sep23								
Sep22	80.00b	160.00b										
	Jul23	Aug23	Sep23									
Sep22	80.00b	160.00b										
	Aug23	Sep23										
Sep22	80.00b											
	Sep23											



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