

### Prices - Oct-23

	O	fficial Cash Se	ettlement Pric	е	Official 3 Month Price			
Contract	Average	Low	High	*M/M Change %	Average	Low	High	Change
LME Aluminium	\$2,192.45	\$2,144.50	\$2,286.50	0.7%	\$2,218.52	\$2,170.50	\$2,317.00	-0.1%
LME Aluminium Alloy	\$1,544.59	\$1,535.00	\$1,553.00	2.7%	\$1,580.00	\$1,580.00	\$1,580.00	1.7%
LME NASAAC	\$2,232.32	\$2,186.00	\$2,275.00	-4.2%	\$2,252.27	\$2,200.00	\$2,300.00	-4.5%
LME Copper	\$7,939.66	\$7,812.50	\$8,110.00	-4.0%	\$8,015.20	\$7,890.00	\$8,186.00	-3.6%
LME Lead	\$2,136.39	\$2,067.00	\$2,207.00	-5.2%	\$2,105.23	\$2,045.00	\$2,173.50	-5.0%
LME Nickel	\$18,255.23	\$17,800.00	\$18,610.00	-7.0%	\$18,525.00	\$18,060.00	\$18,875.00	-6.7%
LME Tin	\$24,617.73	\$23,900.00	\$25,450.00	-3.7%	\$24,877.50	\$24,200.00	\$25,675.00	-3.5%
LME Zinc	\$2,449.20	\$2,377.00	\$2,602.00	-1.6%	\$2,467.02	\$2,395.00	\$2,618.00	-1.8%
LME Cobalt	\$32,982.50	\$32,975.00	\$33,000.00	0.0%	\$33,420.00	\$33,420.00	\$33,420.00	0.0%

\* Percentage change in average price from previous month

### Warehouse stock movements (tonnes) - Oct-23

Contract	Delivered In	[	Delivered Out		Net	Closing
LME Aluminium	29,725	-	43,800	-	14,075	472,700
LME Aluminium Alloy			-			1,920
LME NASAAC			-			620
LME Copper	31,750	-	26,650		5,100	174,400
LME Lead	52,475	-	2,450		50,025	128,350
LME Nickel	4,104	-	1,524		2,580	44,784
LME Tin	1,180	-	1,285	-	105	7,245
LME Zinc	20,050	-	40,125	-	20,075	82,700
LME Cobalt	-		-		-	92
Total	139,284	-	115,834		23,450	912,811

### **Monthly Warehouse Stock Movements**



## LME Monthly Trading

Oct-23



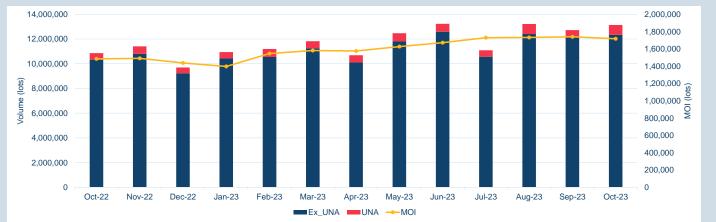
Contract	ADV (lots)	ADV Y/Y change % *	Volume Year to date (lots)	Tonnes Year to date (millions)	Futures Market Open Interest **
Non-ferrous metals (futures, traded optio	ns and TAPOs)				
LME Aluminium	240,490	8.0%	48,662,415	1,217	747,304
LME Aluminium Alloy	-	-100.0%	144	0	5
LME NASAAC	4	22.7%	136	0	37
LME Copper	141,917	11.9%	29,539,521	738	331,348
LME Lead	70,578	36.7%	12,393,613	310	155,769
LME Nickel	45,780	31.7%	8,622,720	52	183,785
LME Tin	5,491	37.7%	1,054,256	5	17,579
LME Zinc	88,784	18.0%	19,430,263	486	247,091
LME M A Futures***	372	100.7%	70,610	2	9,601
LMEminis	-	-	-	-	-
LME Premiums					
LME Aluminium Premium Duty paid US Midwest (Platts)	11	38.0%	797	0	414
LME Aluminium Premium Duty Paid European (Fastmarkets MB)	2	-96.9%	6,048	0	450
Minor Metals (futures)					
LME Cobalt	-	-100.0%	99	0	-
Ferrous (futures)					
LME Steel HRC FOB China (Argus)	55	-48.8%	38,556	0	860
LME Steel HRC N. America (Platts)	-	-	-	-	-
LME Steel Scrap CFR Turkey (Platts)	3,575	130.6%	633,669	6	22,300
LME Steel Scrap CFR India (Platts)	4	258.0%	939	0	29
LME Steel Rebar FOB Turkey (Platts)	161	-32.3%	54,220	1	803
LME Steel Scrap CFR Taiwan (Argus)	1	-57.0%	1,403	0	5
LME HRC NW Europe (Argus)	-	-	-	-	-
Precious (futures)					
LME Gold	-	-	-	-	-
Total	597,224	15.5%	120,509,409	2,817	1,717,380
Total (excl. UNA)	560,906				

\*Percentage year-on-year change between current month and corresponding month in the previous year.

\*\*Last trading day of month

\*\*\*LME Monthly Average Futures include contracts for aluminium, aluminium alloy, NASAAC, copper, nickel, lead, tin and zinc

### Monthly Volumes & Futures Market Open Interest (MOI)



## LME Alumina (Platts)

Monthly Overview - Oct-23

Front Month	
Average	\$337.87
Minimum	\$337.23
Maximum	\$338.91

Volume (ex UNA)	Oct-2023
Lots	
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-

Volume	Year To Date
Lots	-
Tonnes	



		(Last Dusiness Day)
		338
		338
		338
		338
	ne	338
	\$ per tonne	338
	\$ pe	338 -
		338
		338
		338
		338
		Oct. B. Occ. B. South berry must brain Oct. Good
		Prompt Month

Forward Curve

(Last Business Dav)

			Volur	ne and F	utures Ma	rket Oper	n Interest	(MOI)		
1										·
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0										(
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	00.720	. 55-25						, ag 20	55p-25	00120

Prompt	End	of Month -	Volume	End of				МО	I (lots)			
Month	Daily	Settlement	(inc UNA)	Month - MOI	-		0	0	1	l	1	1
Oct-23	\$	337.73	-	-	Oct-23	-						
Nov-23	\$	338.00	-	-	Nov-23	-						
Dec-23	\$	338.00	-	-	Dec-23 Jan-24	-						
Jan-24	\$	338.00	-	-	Jan-24 Feb-24	-						
Feb-24	\$	338.00	-	-	Mar-24	-						
Mar-24	\$	338.00		-	Apr-24	-						
Apr-24	\$	338.00		-	May-24	-						
May-24	\$	338.00		-	Jun-24	-						
Jun-24	\$	338.00		-	Jul-24							
Jul-24	\$	338.00	-	-	Aug-24							
Aug-24	\$	338.00	-	-	Sep-24	1						
Sep-24	\$	338.00	-	-	Oct-24							
Oct-24	\$	338.00	-	-	Nov-24							
Nov-24	\$	338.00	-	-	Dec-24	-						
Dec-24	\$	338.00	-	-		Last	Month I	MOI .	End of	Month M	OI	



## LME Aluminium Alloy



\$1,544.59



Minimum	\$1,535.00
Maximum	\$1,553.00
3M	

Cash Average

\$1,580.00
\$1,580.00
\$1,580.00

-
Oct-2023
-
-

Volume	Year To Date
Lots	144
Tonnes	2,880

Warehouse Stock - Oct-23		
Delivered In	-	
Delivered Out	-	
Net	-	

Warehouse Stock - Year to Date	
Delivered In	-
Delivered Out	-
Net	





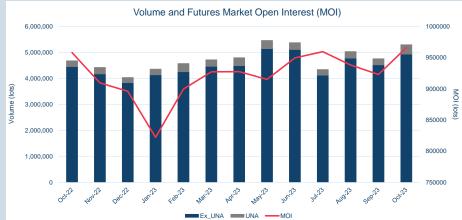




## **LME** Aluminium









Cash	
Average	\$2,192.45
Minimum	\$2,144.50
Maximum	\$2,286.50

3M	
Average	\$2,218.52
Minimum	\$2,170.50
Maximum	\$2,317.00

Oct-2023
4,926,558
Oct-2023
5,290,781
132,269,525

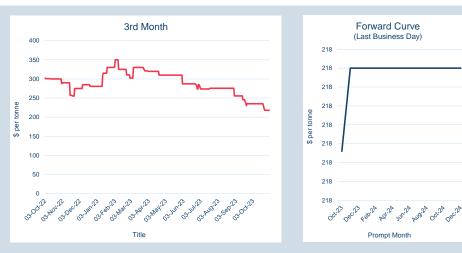
Volume	Year To Date
Lots	48,662,415
Tonnes	1,216,560,375

Warehouse Stock - Oct-23		
Delivered In	29,725	
Delivered Out	- 43,800	
Net	- 14,075	

Warehouse Stoc	k - Year to Date
Delivered In	690,650
Delivered Out	- 681,325
Net	9,325



## LME Aluminium Premium Duty Paid European (Fastmarkets MB)

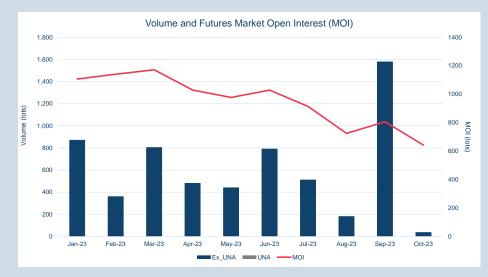


Front Month	
Average	\$223.70
Minimum	\$217.78
Maximum	\$235.00

Monthly Overview - Oct-23

Oct-2023
36
Oct-2023
36
900

Volume	Year To Date
Lots	6,048
Tonnes	151,200



Prompt Month	of Month - Settlement	Volume	End of Month - MOI	MOI (lots) - 50 100 150 200 25
		(		Oct-23
Oct-23	\$ 217.78	-		Nov-23 152
Nov-23	\$ 218.00	-	152	Dec-23 152
Dec-23	\$ 218.00	-	152	Jan-24 30
Jan-24	\$ 218.00	-	30	Feb-24 30
Feb-24	\$ 218.00	-	30	Mar-24 20
Mar-24	\$ 218.00	-	20	Apr-24 10
Apr-24	\$ 218.00	-	10	May-24 📕 10
May-24	\$ 218.00	-	10	Jun-24 📕 10
Jun-24	\$ 218.00	-	10	Jul-24 🛛 6
Jul-24	\$ 218.00	6	6	Aug-24 = 6
Aug-24	\$ 218.00	6	6	Sep-24 6
Sep-24	\$ 218.00	6	6	Oct-24 6
Oct-24	\$ 218.00	6	6	Nov-24 6
Nov-24	\$ 218.00	6	6	Dec-24 6
Dec-24	\$ 218.00	6	6	Last Month MOL End of Month MOL



## LME Aluminium Premium Duty paid US Midwest (Platts)

APTIL JUPIL AUGU OCTU DECIL

50 60

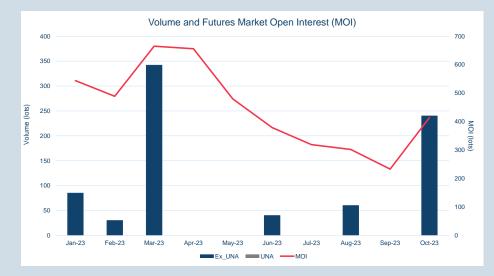


Front Month	
Average	\$427.68
Minimum	\$423.34
Maximum	\$473.99

Monthly Overview - Oct-23

Oct-2023
240
Oct-2023
240
6.000

Volume	Year To Date
Lots	797
Tonnes	19,925



Prompt Month	l of Month - / Settlement	Volume (inc UNA)	End of Month - MOI	-		10	:	N 20	IOI (lot 30		ю	
Oct-23	\$ 423.34	-	-	Oct-23 Nov-23	-					_		
lov-23	\$ 455.91	-	36	Dec-23						3	6	
Dec-23	\$ 455.91	-	24	Jan-24					24			
Jan-24	\$ 455.91	-	38	Feb-24					_		38	
eb-24	\$ 455.91	-	38	Mar-24			_	18			38	
Mar-24	\$ 455.91	-	18	Apr-24		1	0	18				
Apr-24	\$ 455.91	-	10	May-24		1	-					
/lav-24	\$ 455.91	-	10	Jun-24			0				40	
Jun-24	\$ 455.91	40	40	Jul-24							40	
Jul-24	\$ 455.91	40	40	Aug-24							40	
Aug-24	\$ 455.91	40	40	Sep-24					_		40	
Sep-24	\$ 455.91	40	40	Oct-24							40	
Oct-24	\$ 455.91	40	40	Nov-24							40	
Nov-24	\$ 455.91	40	40	Dec-24								
Dec-24	\$ 455.91	-	-		-1	Last Mo	onth	моі	■ End	of M	onth M	c



## LME Aluminium Premium Duty Unpaid European (Fastmarkets MB)



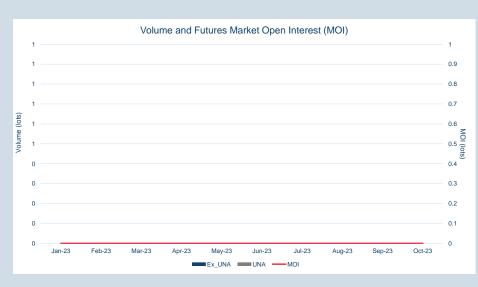


Front Month	
Average	\$166.84
Minimum	\$164.09
Maximum	\$170.00

Monthly Overview - Oct-23

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
17.1	N

Lots -	
Tonnes -	



Prompt	End	l of Month -	Volume	End of				мо	I (lots)	)		
Month		Settlement		Month - MOI	-		0	0		1	1	1
Oct-23	\$	164.09	-	-	Oct-23	-						
Nov-23	\$	155.00	-	-	Nov-23	-						
Dec-23	\$	155.00	-	-	Dec-23 Jan-24	-						
Jan-24	\$	155.00	-	-	Jan-24 Feb-24	-						
Feb-24	\$	155.00	-	-	Heb-24 Mar-24	-						
Mar-24	\$	155.00	-	-		-						
Apr-24	\$	155.00	-	-	Apr-24 May-24	-						
May-24	\$	155.00	-	-	Jun-24	-						
Jun-24	\$	155.00	-	-	Jul-24	1						
Jul-24	\$	155.00	-	_	Aug-24	-						
Aug-24	\$	155.00	-		Sep-24	-						
Sep-24	\$	155.00	_		Oct-24	1						
Oct-24	\$	155.00	_		Nov-24							
Nov-24	э \$	155.00		-	Dec-24							
			-	-	000-24	-						
Dec-24	\$	155.00	-	-		Last	Month I		End of	f Month N	101	

## LME Aluminium UBC Scrap US (Argus)

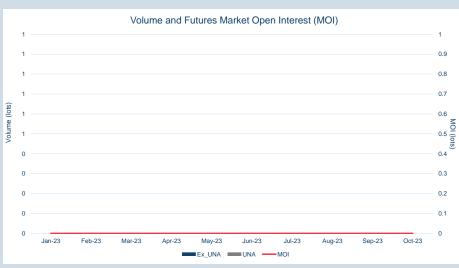
Monthly Overview - Oct-23



Front Month	
Average	\$1,527.11
Minimum	\$1,504.91
Maximum	\$1,592.84

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
Volumo	Voar To Date

Volume	Year To Date
Lots	
Tonnes	-



Prompt	En	d of Month -	Volume	End of				МО	I (lots)			
Month				Month - MOI	-		0	0	1		1	1
Oct-23	\$	1,522.94	-	-	Oct-23	-						
Nov-23	\$	1,533.32	-	-	Nov-23	-						
Dec-23	\$	1,533.32	-	-	Dec-23 Jan-24	-						
Jan-24	\$	1.533.32		-	Jan-24 Feb-24	-						
Feb-24	\$	1,533.32		-	Mar-24	•						
Mar-24	\$	1,533.32		-	Apr-24	1						
Apr-24	\$	1,533.32	-	-	May-24	-						
May-24	\$	1,533.32	-	-	Jun-24							
Jun-24	\$ \$	1,533.32	-	-	Jul-24	_						
Jul-24	\$	1,533.32	-	-	Aug-24							
Aug-24	\$	1,533.32	-	-	Sep-24							
Sep-24	\$ \$ \$	1,533.32	-	-	Oct-24							
Oct-24	\$	1,533.32	-	-	Nov-24							
Nov-24	\$	1,533.32	-	-	Dec-24							
Dec-24	\$	1,533.32	-	-			Month N			Month M		

## LME Cobalt (Fastmarkets MB)

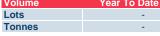
Monthly Overview - Oct-23

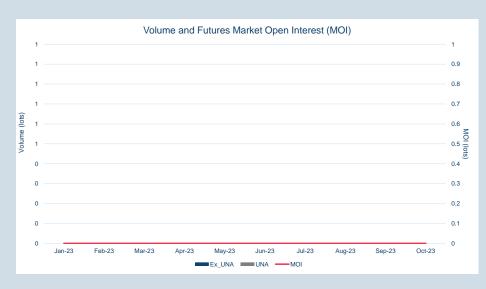


Forward Curve (Last Business Day)
37,500
37,000
36,500
36,000
35,500
ğ 35,000
b 33,500 b 35,000 b 34,500 b 3
۶۶ 34,000
33,500
33,000
32,500
32,000
Ochy bears tory bary bury may och pears
Prompt Month

Front Month	
Average	\$33,167.54
Minimum	\$31,967.03
Maximum	\$33,705,67

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
Volume	Vear To Date



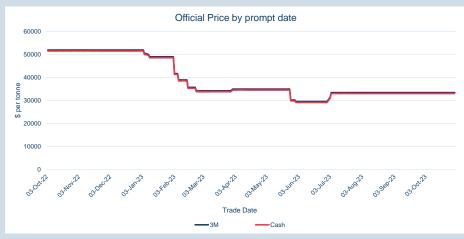


		Volume	End of						MOI (I	ots)			
Dail	y Settlement	(inc UNA)	Month - MOI		-		0		0	1	1		1
\$	33.686.63	-	-			-							
	1	-	-			-							
		-	-			-							
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	36,527.59	-	-		Nov-24	-							
	36,657.59	-	-		Dec-24	-							
\$	36,787.59	-	-			Las	t Mon	th MOI	■ En	d of Mo	onth MO		
	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	\$ 35,097.59 \$ 35,227.59 \$ 35,357.59 \$ 35,487.59 \$ 35,617.59 \$ 35,747.59 \$ 35,877.59 \$ 36,007.59 \$ 36,137.59 \$ 36,267.59 \$ 36,397.59 \$ 36,527.59 \$ 36,657.59	\$ 35,097.59       -         \$ 35,227.59       -         \$ 35,357.59       -         \$ 35,487.59       -         \$ 35,617.59       -         \$ 35,617.59       -         \$ 35,617.59       -         \$ 35,617.59       -         \$ 35,617.59       -         \$ 36,007.59       -         \$ 36,007.59       -         \$ 36,267.59       -         \$ 36,397.59       -         \$ 36,527.59       -         \$ 36,657.59       -	\$ 35,097.59       -       -         \$ 35,227.59       -       -         \$ 35,357.59       -       -         \$ 35,487.59       -       -         \$ 35,487.59       -       -         \$ 35,477.59       -       -         \$ 35,747.59       -       -         \$ 35,877.59       -       -         \$ 36,007.59       -       -         \$ 36,007.59       -       -         \$ 36,137.59       -       -         \$ 36,267.59       -       -         \$ 36,397.59       -       -         \$ 36,527.59       -       -         \$ 36,527.59       -       -         \$ 36,657.59       -       -	\$ 35,097.59       -       -         \$ 35,227.59       -       -         \$ 35,357.59       -       -         \$ 35,487.59       -       -         \$ 35,487.59       -       -         \$ 35,477.59       -       -         \$ 35,747.59       -       -         \$ 35,877.59       -       -         \$ 36,007.59       -       -         \$ 36,007.59       -       -         \$ 36,007.59       -       -         \$ 36,037.59       -       -         \$ 36,267.59       -       -         \$ 36,397.59       -       -         \$ 36,527.59       -       -         \$ 36,527.59       -       -         \$ 36,657.59       -       -	35,097.59       -       -       Dec:23         \$ 35,227.59       -       -       Dec:23         \$ 35,357.59       -       -       Heb:24         \$ 35,487.59       -       -       Mar:24         \$ 35,617.59       -       -       Mar:24         \$ 35,747.59       -       -       Mar:24         \$ 35,877.59       -       -       Mar:24         \$ 35,877.59       -       -       Jun:24         \$ 36,007.59       -       -       Jun:24         \$ 36,007.59       -       -       Jun:24         \$ 36,037.59       -       -       Jun:24         \$ 36,267.59       -       -       Sep:24         \$ 36,527.59       -       -       Sep:24         \$ 36,657.59       -       -       Oct:24         \$ 36,657.59       -       -       Nov:24         \$ 36,657.59       -       -       Dec:24	\$ 33,686.63       -       -       Nov-23         \$ 35,097.59       -       -       Dec-23         \$ 35,227.59       -       -       Jan-24         \$ 35,357.59       -       -       Har-24         \$ 35,357.59       -       -       Feb-24         \$ 35,487.59       -       -       Mar-24         \$ 35,617.59       -       -       Mar-24         \$ 36,007.59       -       -       Jun-24         \$ 36,007.59       -       -       Jul-24         \$ 36,267.59       -       -       Sep-24         \$ 36,267.59       -       -       Sep-24         \$ 36,397.59       -       -       Nov-24         \$ 36,657.59       -       -       Nov-24         \$ 36,657.59       -       -       Nov-24         \$ 36,677.59       -       -       Dec-24	\$ 33,686.63       -       -       Nov-23         \$ 35,097.59       -       -       Dec-23         \$ 35,227.59       -       -       Jan-24         \$ 35,357.59       -       -       Feb-24         \$ 35,487.59       -       -       Mar-24         \$ 35,617.59       -       -       Mar-24         \$ 35,617.59       -       -       Mar-24         \$ 35,617.59       -       -       May-24         \$ 35,747.59       -       -       May-24         \$ 36,007.59       -       -       Jun-24         \$ 36,007.59       -       -       Jun-24         \$ 36,267.59       -       -       Sep-24         \$ 36,267.59       -       -       Sep-24         \$ 36,527.59       -       -       Nov-24         \$ 36,627.59       -       -       Nov-24         \$ 36,627.59       -       -       Nov-24	\$ 33,686.63       -       -       Nov-23       .         \$ 35,097.59       -       -       Dec-23       .         \$ 35,227.59       -       -       Jan-24       .         \$ 35,357.59       -       -       Feb-24       .         \$ 35,487.59       -       -       Mar-24       .         \$ 35,617.59       -       -       May-24       .         \$ 35,617.59       -       -       Jul-24       .         \$ 36,007.59       -       -       Jul-24       .         \$ 36,137.59       -       -       Sep-24       .         \$ 36,267.59       -       -       Oct-24       .         \$ 36,527.59       -       -       Nov-24       .         \$ 36,657.59       -       -       Dec-24       .         \$ 36,677.59       -       -       Dec-24       .	\$ 33,686.63       -       -       Nov-23         \$ 35,097.59       -       -       Dec-23         \$ 35,257.59       -       -       Jan-24         \$ 35,357.59       -       -       Feb-24         \$ 35,487.59       -       -       Mar-24         \$ 35,617.59       -       -       Mar-24         \$ 35,617.59       -       -       Mar-24         \$ 35,747.59       -       -       May-24         \$ 36,007.59       -       -       Jun-24         \$ 36,007.59       -       -       Jun-24         \$ 36,267.59       -       -       Sep-24         \$ 36,267.59       -       -       Sep-24         \$ 36,527.59       -       -       Nov-24         \$ 36,678.59       -       -       Nov-24         \$ 36,678.59       -       -       Nov-24         \$ 36,678.59       -       -       -         \$ 36,678.59       -       -       -	\$ 33,686.63       -       -       Nov-23       .         \$ 35,097.59       -       -       Dec-23       .         \$ 35,227.59       -       -       Jan-24       .         \$ 35,357.59       -       -       Har-24       .         \$ 35,487.59       -       -       Mar-24       .         \$ 35,617.59       -       -       May-24       .         \$ 35,617.59       -       -       Jul-24       .         \$ 36,007.59       -       -       Jul-24       .         \$ 36,137.59       -       -       Aug-24       .         \$ 36,267.59       -       -       Sep-24       .         \$ 36,527.59       -       -       Nov-24       .         \$ 36,657.59       -       -       Nov-24       .         \$ 36,677.59       -       -       Dec-24       .	\$ 33,686.63       -       -       Nov-23       .         \$ 35,097.59       -       -       Dec-23       .         \$ 35,227.59       -       -       Jan-24       .         \$ 35,357.59       -       -       Jan-24       .         \$ 35,367.59       -       -       Feb-24       .         \$ 35,487.59       -       -       Mar-24       .         \$ 35,617.59       -       -       Mar-24       .         \$ 35,617.59       -       -       Mar-24       .         \$ 35,747.59       -       -       May-24       .         \$ 36,007.59       -       -       Jun-24       .         \$ 36,007.59       -       -       Jun-24       .         \$ 36,267.59       -       -       Sep-24       .         \$ 36,267.59       -       -       Oct-24       .         \$ 36,527.59       -       -       Nov-24       .         \$ 36,657.59       -       -       Nov-24       .         \$ 36,677.59       -       -       Dec-24       .	\$ 33,686.63       -       -       Nov-23       .         \$ 35,097.59       -       -       Dec-23       .         \$ 35,277.59       -       -       Jan-24       .         \$ 35,357.59       -       -       Feb-24       .         \$ 35,487.59       -       -       Mar-24       .         \$ 35,617.59       -       -       Apr-24       .         \$ 35,617.59       -       -       Mar-24       .         \$ 36,007.59       -       -       Jul-24       .         \$ 36,137.59       -       -       Aug-24       .         \$ 36,267.59       -       -       Sep-24       .         \$ 36,397.59       -       -       Nov-24       .         \$ 36,657.59       -       -       Nov-24       .         \$ 36,677.59       -       -       Dec-24       .



### **LME Cobalt**







Cash	
Average	\$32,982.50
Minimum	\$32,975.00
Maximum	\$33,000.00

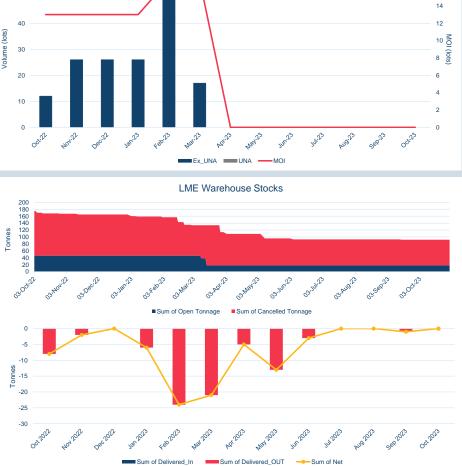
3M	
Average	\$33,420.00
Minimum	\$33,420.00
Maximum	\$33,420.00

Volume (ex UNA)	Oct-2023
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-

Volume	Year To Date
Lots	99
Tonnes	99

Warehouse Stock - Oct-23					
Delivered In	0				
Delivered Out	0				
Net	0				

Warehouse Stocl	k - Year to Date
Delivered In	0
Delivered Out	-73
Net	-73





## LME Copper



\$7,939.66

\$7,812.50

\$8,110.00

\$8,015.20

\$7,890.00

\$8,186.00

Cash

3M

Average

Minimum

Maximum

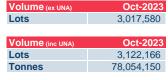
Average

Minimum

Maximum



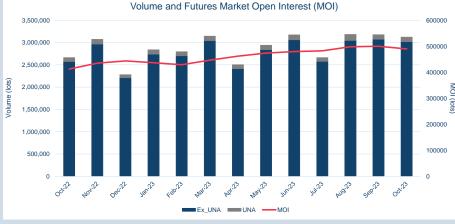


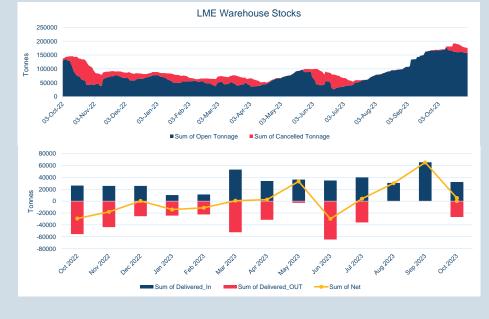


Volume	Year To Date
Lots	29,539,521
Tonnes	738,488,025

Warehouse Stock - Oct-23		
Delivered In	31,750	
Delivered Out	-26,650	
Net	5,100	

Warehouse Stocl	<ul> <li>Year to Date</li> </ul>
Delivered In	346,875
Delivered Out	-261,525
Net	85,350

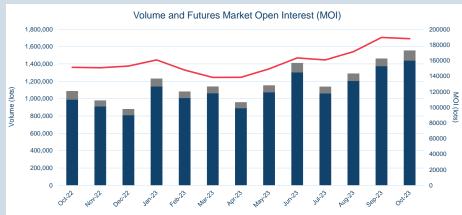




### LME Lead









Cash	
Average	\$2,136.39
Minimum	\$2,067.00
Maximum	\$2,207.00

3M	
Average	\$2,105.23
Minimum	\$2,045.00
Maximum	\$2,173.50

Volume (ex UNA)	Oct-2023
Lots	1,440,964
Volume (inc UNA)	Oct-2023
Lots	1,552,719
Tonnes	38,817,975

Volume	Year To Date
Lots	12,393,613
Tonnes	309,840,325

Warehouse Stock - Oct-23		
Delivered In	52,475	
Delivered Out	-2,450	
Net	50,025	

Warehouse Stocl	k - Year to Date
Delivered In	126,025
Delivered Out	-22,825
Net	103,200

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## LME Lithium Hydroxide CIF (Fastmarkets MB)

Monthly Overview - Oct-23

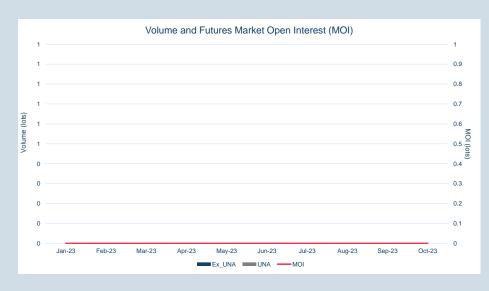


	Forward Curve (Last Business Day)
	24,000
	23,500 -
	e 23,000 - 5 2 22,500 -
_	ο φ 22,500
	22,000
	21.500
	Prompt Month

Front Month	
Average	\$24,065.95
Minimum	\$23,610.00
Maximum	\$24,500.00

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-

Volume	Year To Date
Lots	
Tonnes	



Settlement 23,610.00 22,300.00 22,300.00	-	Month - MOI		-		0	0	1	1	
22,300.00		-							1	1
22,300.00				Oct-23	-					
1	-	-		Nov-23 Dec-23	-					
	-	-		Jan-24	-					
22,300.00		-		Feb-24	-					
22,300.00	-	-		Mar-24	-					
22,300.00		-		Apr-24	1					
22,300.00		-		May-24	-					
22,300.00		-		Jun-24						
22,300.00		-		Jul-24						
22,300.00		-		Aug-24						
22,300.00		-		Sep-24						
22,300.00	-	-		Oct-24						
22,300.00	-	-		Nov-24						
22,300.00	-	-		Dec-24						
22,200,00	-	-								
	/	22,300.00 -	22,300.00	22,300.00	22,300.00 Dec-24	22,300.00 Dec-24 -				



## LME Molybdenum (Platts)

Monthly Overview - Oct-23

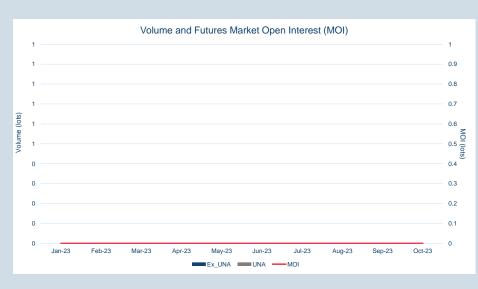


	Forward Curve (Last Business Day)
	20.50
	20.00
	19.50 -
	19.00
5	ନ୍ଦ୍ର ଜୁ 18.50 ଜୁ
	18.00
	17.50
	17.00
	16.50
	Prompt Month

Front Month	
Average	\$20.93
Minimum	\$19.95
Maximum	\$22.50

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
Volumo	Veer Te Dete

Volume	Year To Date
Lots	
Tonnes	



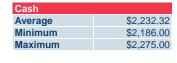
Prompt	End	of Month -	Volume	End of					MOI	(lots)			
Month	Daily	Settlement	(inc UNA)	Month - MOI	-		0		0	1	l	1	1
Oct-23	\$	19.95	-	-	Oct-23	-							
Nov-23	\$	17.85	-	-	Nov-23	-							
Dec-23	\$	17.85	_	-	Dec-23	-							
Jan-24	\$	17.85	_	-	Jan-24 Feb-24	-							
Feb-24	\$	17.85	_	-	Heb-24 Mar-24	-							
Mar-24	\$	17.85	_	-	Apr-24	-							
Apr-24	\$	17.85	_	-	May-24	-							
May-24	\$	17.85	_	-	Jun-24	1							
Jun-24	\$	17.85	-	-	Jul-24	-							
Jul-24	\$	17.85	-	-	Aug-24	-							
Aug-24	\$	17.85	-	-	Sep-24								
Sep-24	\$	17.85	-	-	Oct-24								
Oct-24	\$	17.85	-	-	Nov-24								
Nov-24	\$	17.85	-	-	Dec-24								
Dec-24	\$	17.85	-	-									
	Ŧ					Las	t Mo	nth MO	( = E	End of	Month M	OI	



## **LME NASAAC**

### Monthly Overview - Oct-23





3М	
Average	\$2,252.27
Minimum	\$2,200.00
Maximum	\$2,300.00

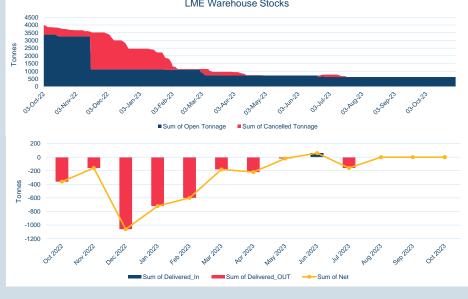
Volume (ex UNA)	Oct-2023
Lots	81
Volume (inc UNA)	Oct-2023
Volume (inc UNA)	Oct-2023 81

Volume	Year To Date
Lots	136
Tonnes	2,720

Warehouse Stoc	k - Oct-23
Delivered In	0
Delivered Out	0
Net	0

Warehouse Stocl	k - Year to Date
Delivered In	60
Delivered Out	-1,900
Net	-1,840





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## **LME Nickel**

\$18,255.23

\$17,800.00

\$18,610.00

\$18,525.00 \$18,060.00

\$18,875.00



Cash

3M

Average

Minimum

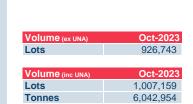
Maximum

Average

Minimum

Maximum

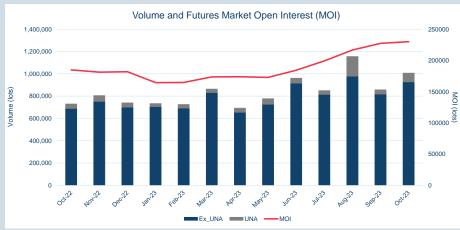




Volume	Year To Date
Lots	8,622,720
Tonnes	51,736,320

Warehouse Stock - Oct-23					
Delivered In	4,104				
Delivered Out	-1,524				
Net	2,580				

Warehouse Stock - Year to Date					
Delivered In	26,130				
Delivered Out	-36,726				
Net	-10,596				





## LME Steel Rebar FOB Turkey (Platts)

Monthly Overview - Oct-23

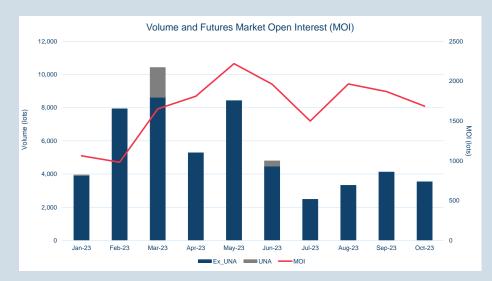


Forward Curve (Last Business Day)
610
600
590
<u>ع</u> 580
9 580 10 570 10 560
↔ 560 -
550
540
530
Prompt Month

Front Month	
Average	\$562.13
Minimum	\$553.00
Maximum	\$573.00

Volume (ex UNA)	Oct-2023
Lots	3,532
Volume (inc UNA)	Oct-2023
Lots	3,532
Tonnes	35.320

Volume	Year To Date
Lots	54,220
Tonnes	542,200



## LME Steel Scrap CFR India (Platts)

## OLME An HKEX Company

### Monthly Overview - Oct-23



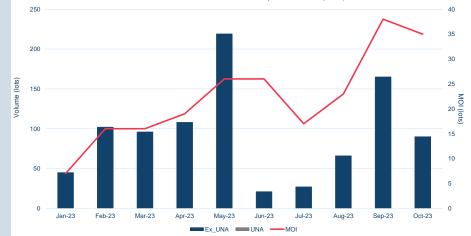
Forward Curve (Last Business Day)
450
440
430
₿ <u>420</u>
e 420 50 60 410
400
390
380 - Child Aperthe for the form and a surger and a child aperthe
Prompt Month

Front Month	
Average	\$422.50
Minimum	\$405.25
Maximum	\$442.50

Volume (ex UNA)	Oct-2023
Lots	90
Volume (inc UNA)	Oct-2023
Volume (inc UNA)	Oct-2023 90

Volume	Year To Date
Lots	939
Tonnes	9,390





Prompt Month	nd of Month - ly Settlement	Volume (inc UNA)	End of Month - MOI	Oct-23	-	2	4	101 (lo 6	ts) 8	
Oct-23	\$ 405.25	24	-	Nov-23	•					
Nov-23	\$ 421.00	9	7	Dec-23					- /	_
Dec-23	\$ 435.50	33	10	Jan-24						1
Jan-24	\$ 441.00	21	11	Feb-24						Ĩ
Feb-24	\$ 438.00	3	1	Mar-24	<u> </u>					
Mar-24	\$ 438.00	-	-	Apr-24						
Apr-24	\$ 438.00	-	-	May-24						
May-24	\$ 438.00	-	-	Jun-24						
Jun-24	\$ 438.00	-	-	Jul-24						
Jul-24	\$ 438.00	-	-	Aug-24						
Aug-24	\$ 438.00	-	-	Sep-24						
Sep-24	\$ 438.00	-	-	Oct-24						
Oct-24	\$ 438.00	-	-	Nov-24						
Nov-24	\$ 438.00	-	-	Dec-24						
Dec-24	\$ 438.00	-	-		■ Las	at Month	MOI	≡ Enc	l of Mon	t

# nth MOI

12 10

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## LME Steel Scrap CFR Taiwan (Argus)

Monthly Overview - Oct-23

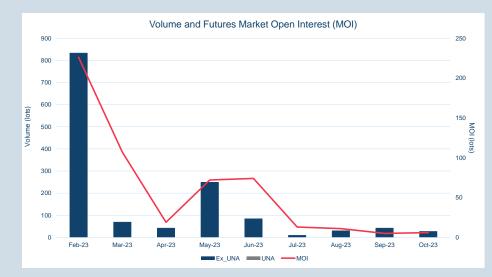


Forward Curve (Last Business Day)
376
374
372
370
₽ 368 <b></b>
e 368 50 366 50 366 50 364
<u>в</u> 9 364 —
362
360
358
356
Octob Deerld Farth Mercy Murry March Octob Deerly
Prompt Month

Front Month	
Average	\$369.53
Minimum	\$362.00
Maximum	\$374.00

Volume (ex UNA)	Oct-2023
Lots	27
Volume (inc UNA)	Oct-2023
Lata	27
Lots	21

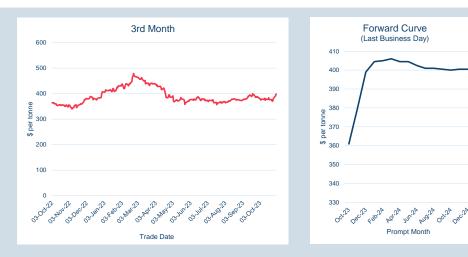
Volume	Year To Date
Lots	1,385
Tonnes	13,850



Prompt Month		l of Month - Settlement	Volume (inc UNA)	End of Month - MOI			1	MOI (I 2	ots) 3	4	5
WOITUT	Dally	Settlement	(IIIC UNA)	Month - MOI	Oct-23						
Oct-23	\$	362.23	-	-	Nov-23	-					
Nov-23	\$	368.00	12	4	Dec-23					4	
Dec-23	\$	367.00	-	1	Jan-24		1				
Jan-24	\$	374.00	12	-	Feb-24	-					
Feb-24	\$	369.00	3	-	Mar-24	-					
Mar-24	\$	369.00	-	-	Apr-24	1					
Apr-24	\$	369.00	-	-	May-24	-					
May-24	\$	369.00	-	-	Jun-24						
Jun-24	\$	369.00	-	-	Jul-24	_					
Jul-24	\$	369.00	-	-	Aug-24						
Aug-24	\$	369.00	-	-	Sep-24	-					
Sep-24	\$	369.00	-	-	Oct-24	-					
Oct-24	\$	369.00	-	-	Nov-24	-					
Nov-24	\$	369.00	-	-	Dec-24	-					
Dec-24	\$	369.00	-	-							
	*					Last	Month MC	)I ≡Er	nd of Mon	th MOI	

## LME Steel Scrap CFR Turkey (Platts)

Monthly Overview - Oct-23



Front Month	
Average	\$364.82
Minimum	\$359.00
Maximum	\$372.00

Oct-2023
77,928
Oct-2023
78,658
786.580

Year To Date
633,669
6,336,690



Prompt		of Month -	Volume	End of	MOI (lots)
Month		Settlement	(inc UNA)	Month - MOI	- 2,000 4,000 6,000
Month Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24 Apr-24 May-24 Jun-24 Jun-24 Jun-24 Jun-24 Sep-24 Oct-24 Nov-24 Dec-24	Daily \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Settlement 360.95 379.50 399.00 404.50 405.00 406.00 404.50 404.50 404.50 402.50 401.00 401.00 400.50 400.50	(inc UNA) 4,512 35,268 27,261 5,018 1,662 1,156 994 971 838 231 265 184 104 194 -	- 4,497 5,820 2,691 2,398 2,264 1,170 1,117 804 456 438 555 42 48 -	0ct-23     4,497       0ct-23     2,691       1     2,393       Mar-24     2,393       Mar-24     2,284       Apr-24     1,117       Jul-24     456       Aug-24     438       Sep-24     555       Oct-24     42       Nov-24     48       Dec-24     -

## LME Steel HRC FOB China (Argus)

## OLME An HKEX Company

### Monthly Overview - Oct-23



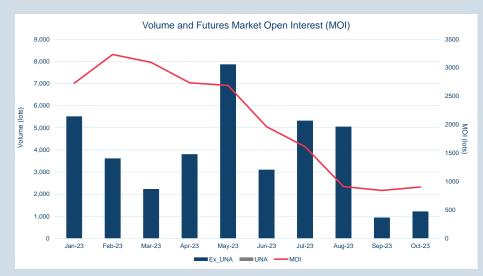
Forward Curve (Last Business Day)
590
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Ores berg ferst wird mere way or a berg
Prompt Month

800

Front Month	
Average	\$533.86
Minimum	\$526.00
Maximum	\$549.50

1,209
ct-2023
1,209
12,090

Volume	Year To Date
Lots	38,556
Tonnes	385,560



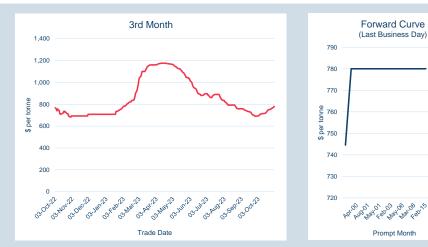
Prompt Month		of Month - Settlement	Volume (inc UNA)	End of Month - MOI	MOI (lots) - 200 400 600 8
Oct-23 Nov-23 Dec-23 Jan-24 Feb-24	\$ \$ \$ \$	531.50 550.00 560.00 568.00 570.50	188 248 352 198 136	- 582 142 77 40	Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24 7
Mar-24 Apr-24 May-24 Jun-24 Jul-24 Aug-24 Aug-24 Sep-24 Oct-24 Nov-24	\$ \$ \$ \$ \$ \$ \$ \$	572.00 572.00 572.00 576.50 576.50 576.50 577.00 576.50 576.50	55 22 - 10 - - - - - - -	7 3 1 2 1 2 3 3	Apr-24       3         May-24       1         Jun-24       2         Jul-24       1         Aug-24       2         Sep-24       3         Oct-24       -         Nov-24       -         Dec-24       -

## LME Steel HRC N. America (Platts)

Allthe Allthe



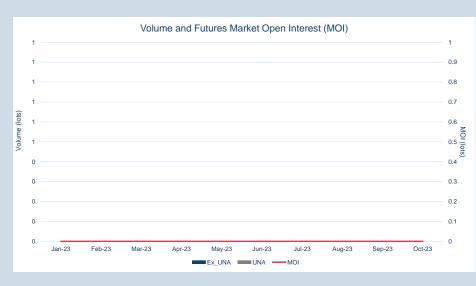




Front Month	
Average	\$725.34
Minimum	\$692.00
Maximum	\$744.55

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
Volume	Vear To Date

Volume	Year To Date
Lots	
Tonnes	



Prompt	Enc	d of Month -	Volume	End of				МО	I (lots)			
Month	Daily	/ Settlement	(inc UNA)	Month - MOI	-		0	0	1		1	1
Jan-00	\$	744.55	-	-	Oct-23	-						
Jan-00	\$	780.00	-	-	Nov-23	-						
Apr-00	\$	780.00	-	_	Dec-23	-						
Apr-00	\$	780.00	-	-	Jan-24	-						
Aug-01	\$	780.00	_	-	Feb-24	-						
0	φ				Mar-24	-						
May-01	\$	780.00	-	-	Apr-24	-						
May-01	\$	780.00		-	May-24	-						
May-02	\$	780.00	-	-	Jun-24	-						
Feb-03	\$	780.00	-	-	Jul-24	-						
Apr-03	\$ \$	780.00		-	Aug-24	-						
May-06		780.00	-	-	Sep-24	-						
Nov-06	\$	780.00		-	Oct-24	-						
Mar-08	\$	780.00	-	-	Nov-24	-						
Aug-17	\$	780.00	-	-	Dec-24	-						
Feb-15	\$	780.00	-	-								
	Ŷ					Las	t Month	MOI	End of I	Month MC	DI	

## LME HRC NW Europe (Argus)

Monthly Overview - Oct-23

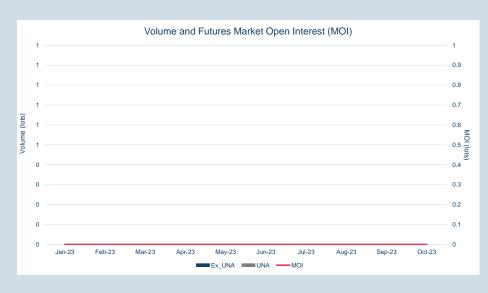


Forward Curve (Last Business Day)
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Octrin Course tour barry much mark ours bours
Prompt Month

Front Month	
Average	\$645.61
Minimum	\$641.11
Maximum	\$654.73

Volume (ex UNA)	Oct-2023
Lots	-
Volume (inc UNA)	Oct-2023
Lots	-
Tonnes	-
Malana	Mana Ta Data

Lots -	
Tonnes -	



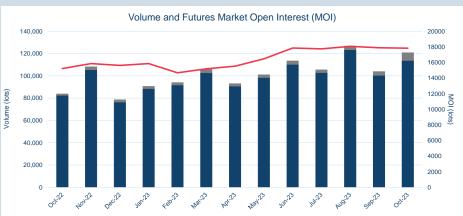
Prompt	End	d of Month -	Volume	End of					М	OI (lot	s)			
Month		/ Settlement		Month - MOI	-		0		0		1	1		1
Oct-23	\$	646.25	-	-	Oct-23	-								
Nov-23	\$	652.31	-	-	Nov-23	-								
Dec-23	\$	652.31	-	-	Dec-23	-								
Jan-24	\$	652.31	-	-	Jan-24	-								
Feb-24	\$	652.31	_	_	Feb-24	-								
Mar-24		652.31			Mar-24	-								
	\$		-	-	Apr-24									
Apr-24	\$	652.31	-	-	May-24	-								
May-24	\$	652.31		-	Jun-24	-								
Jun-24	\$	652.31	-	-	Jul-24	-								
Jul-24	\$	652.31		-	Aug-24	-								
Aug-24	\$	652.31	-	-	Sep-24	-								
Sep-24	\$	652.31		-	Oct-24	-								
Oct-24	\$	652.31	-	-	Nov-24	-								
Nov-24	\$	652.31		-	Dec-24	-								
Dec-24	\$	652.31	-	-										
						Las	t Mo	onth M	UI II	End	ot Mo	onth MC	01	

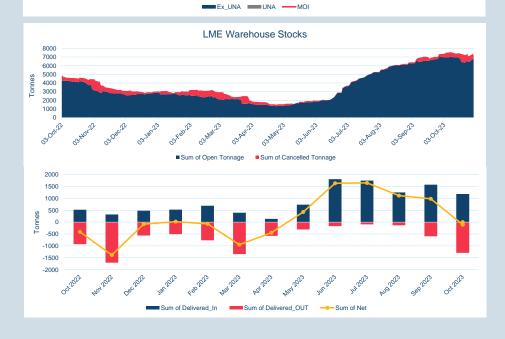
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### Monthly Overview - Oct-23

05000	Official Price by prompt date
35000	Λ
25000	man man man man
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0 0300 <sup>61</sup> 2	and and an and a constant
	Trade Date
	Cash





Cash	
Average	\$24,617.73
Minimum	\$23,900.00
Maximum	\$25,450.00

3M	
Average	\$24,877.50
Minimum	\$24,200.00
Maximum	\$25,675.00

2023	Oct-202	Volume (ex UNA)
759	113,75	Lots
2023	Oct-202	Volume (inc UNA)
796	120,79	Lots
980	603,98	Tonnes
(	603,9	Tonnes

Volume	Year To Date
Lots	1,054,256
Tonnes	5,271,280

Warehouse Stock - Oct-23	
Delivered In	1,180
Delivered Out	-1,285
Net	-105

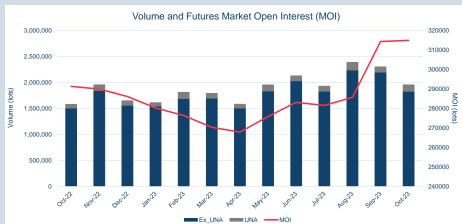
Warehouse Stocl	k - Year to Date
Delivered In	10,035
Delivered Out	-5,785
Net	4,250

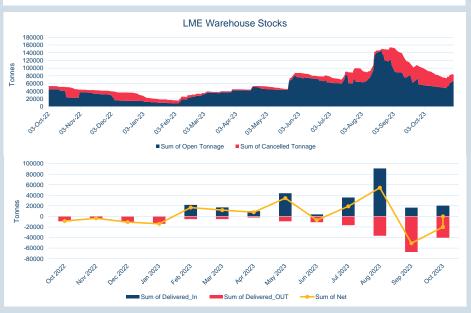
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### LME Zinc









Cash	
Average	\$2,449.20
Minimum	\$2,377.00
Maximum	\$2,602.00

3M	
Average	\$2,467.02
Minimum	\$2,395.00
Maximum	\$2,618.00

Volume (ex UNA)	Oct-2023
Lots	1,823,004
Volume (inc UNA)	Oct-2023
Lots	1,953,251
Tonnes	48,831,275

Volume	Year To Date
Lots	19,430,263
Tonnes	485,756,575

Warehouse Stock - Oct-23	
Delivered In	20,050
Delivered Out	-40,125
Net	-20,075

Warehouse Stock	k - Year to Date
Delivered In	259,775
Delivered Out	-207,550
Net	52,225