

LME Valuation - Copper

Cash - 3M: 125.82c

Date: 2024-07-22

Cash 9090.68

3M 9216.50

Aug24 9139.68

Sep24 9185.88

Oct24 9214.01

Nov24 9258.80

Dec24 9286.50

Jan25 9316.50

Feb25 9349.50

Mar25 9372.50

Apr25 9390.75

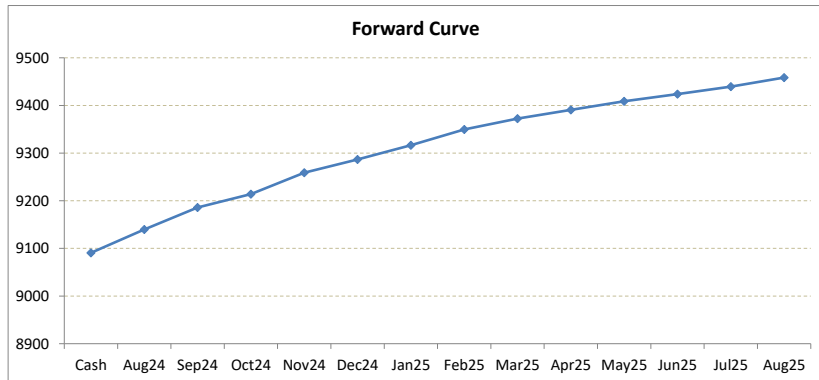
May25 9408.75

Jun25 9423.75

Jul25 9439.50

Aug25 9458.50

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	49.00c	95.20c	123.33c	168.12c	195.82c	225.82c	258.82c	281.82c	300.07c	318.07c	333.07c	348.82c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	76.82c	30.62c	2.49c	42.30c	70.00c	100.00c	133.00c	156.00c	174.25c	192.25c	207.25c	223.00c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	46.20c	28.13c	44.79c	27.70c	30.00c	33.00c	23.00c	18.25c	18.00c	15.00c	15.75c	19.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	46.20c	74.33c	119.12c	146.82c	176.82c	209.82c	232.82c	251.07c	269.07c	284.07c	299.82c	318.82c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
		28.13c	72.92c	100.62c	130.62c	163.62c	186.62c	204.87c	222.87c	237.87c	253.62c	272.62c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
			44.79c	72.49c	102.49c	135.49c	158.49c	176.74c	194.74c	209.74c	225.49c	244.49c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
				27.70c	57.70c	90.70c	113.70c	131.95c	149.95c	164.95c	180.70c	199.70c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
					30.00c	63.00c	86.00c	104.25c	122.25c	137.25c	153.00c	172.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
						33.00c	56.00c	74.25c	92.25c	107.25c	123.00c	142.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
							23.00c	41.25c	59.25c	74.25c	90.00c	109.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
								18.25c	36.25c	51.25c	67.00c	86.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
									18.00c	33.00c	48.75c	67.75c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
										15.00c	30.75c	49.75c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
											15.75c	34.75c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
												19.00c



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 ** Source: Reuters

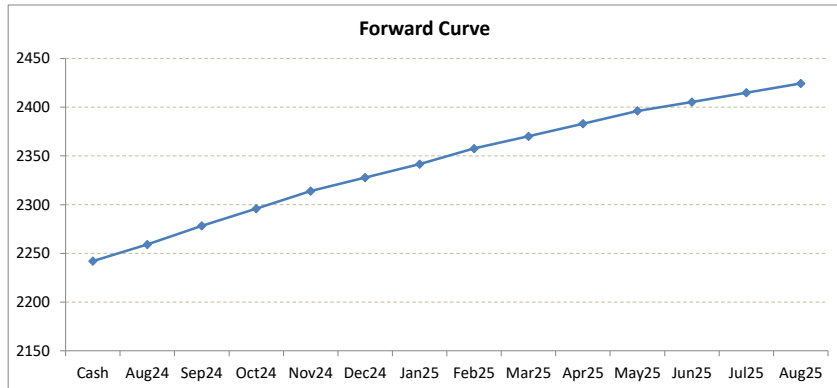
LME Valuation - Aluminium

Cash - 3M: 57.53c

Date: 2024-07-22

Cash 2241.97
3M 2299.50
 Aug24 **2258.97**
 Sep24 **2278.15**
 Oct24 **2295.84**
 Nov24 **2313.82**
 Dec24 **2327.75**
 Jan25 **2341.50**
 Feb25 **2357.50**
 Mar25 **2370.00**
 Apr25 **2383.00**
 May25 **2396.25**
 Jun25 **2405.25**
 Jul25 **2414.75**
 Aug25 **2424.25**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	17.00c	36.18c	53.87c	71.85c	85.78c	99.53c	115.53c	128.03c	141.03c	154.28c	163.28c	172.78c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	40.53c	21.35c	3.66c	14.32c	28.25c	42.00c	58.00c	70.50c	83.50c	96.75c	105.75c	115.25c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	19.18c	17.69c	17.98c	13.93c	13.75c	16.00c	12.50c	13.00c	13.25c	9.00c	9.50c	9.50c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	19.18c	36.87c	54.85c	68.78c	82.53c	98.53c	111.03c	124.03c	137.28c	146.28c	155.78c	165.28c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	17.69c	35.67c	49.60c	63.35c	79.35c	91.85c	104.85c	118.10c	127.10c	136.60c	146.10c	
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Oct24	17.98c	31.91c	45.66c	61.66c	74.16c	87.16c	100.41c	109.41c	118.91c	128.41c		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25		
Nov24	13.93c	27.68c	43.68c	56.18c	69.18c	82.43c	91.43c	100.93c	110.43c			
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25			
Dec24	13.75c	29.75c	42.25c	55.25c	68.50c	77.50c	87.00c	96.50c				
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25				
Jan25	16.00c	28.50c	41.50c	54.75c	63.75c	73.25c	82.75c					
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25					
Feb25	12.50c	25.50c	38.75c	47.75c	57.25c	66.75c						
	Mar25	Apr25	May25	Jun25	Jul25	Aug25						
Mar25	13.00c	26.25c	35.25c	44.75c	54.25c							
	Apr25	May25	Jun25	Jul25	Aug25							
Apr25	13.25c	22.25c	31.75c	41.25c								
	May25	Jun25	Jul25	Aug25								
May25	9.00c	18.50c	28.00c									
	Jun25	Jul25	Aug25									
Jun25	9.50c	19.00c										
	Jul25	Aug25										
Jul25	9.50c											
	Aug25											
Aug25												



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 ** Source: Reuters

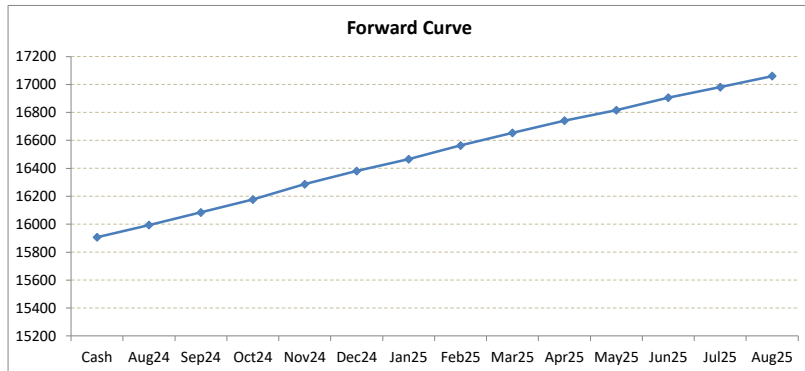


LME Valuation - Nickel

Cash - 3M: **283.44c**

Date: **2024-07-22**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	15906.56											
3M	16190.00											
Aug24	15994.81											
Sep24	16084.56											
Oct24	16176.25											
Nov24	16286.23											
Dec24	16380.23											
Jan25	16465.23											
Feb25	16563.23											
Mar25	16653.23											
Apr25	16741.23											
May25	16816.23											
Jun25	16906.23											
Jul25	16980.23											
Aug25	17060.23											
	Cash	Cash	Cash	Cash	Cash	Cash	Cash	Cash	Cash	Cash	Cash	Cash
	88.25c	178.00c	269.69c	379.67c	473.67c	558.67c	656.67c	746.67c	834.67c	909.67c	999.67c	1073.67c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
	195.19c	105.44c	13.75c	96.23c	190.23c	275.23c	373.23c	463.23c	551.23c	626.23c	716.23c	790.23c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
	89.75c	91.69c	109.98c	94.00c	85.00c	98.00c	90.00c	88.00c	75.00c	90.00c	74.00c	80.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
	89.75c	181.44c	291.42c	385.42c	470.42c	568.42c	658.42c	746.42c	821.42c	911.42c	985.42c	1065.42c
	Sep24	91.69c	201.67c	295.67c	380.67c	478.67c	568.67c	656.67c	731.67c	821.67c	895.67c	975.67c
		Oct24	109.98c	203.98c	288.98c	386.98c	476.98c	564.98c	639.98c	729.98c	803.98c	883.98c
			Nov24	94.00c	179.00c	277.00c	367.00c	455.00c	530.00c	620.00c	694.00c	774.00c
				Dec24	85.00c	183.00c	273.00c	361.00c	436.00c	526.00c	600.00c	680.00c
					Jan25	98.00c	188.00c	276.00c	351.00c	441.00c	515.00c	595.00c
						Feb25	90.00c	178.00c	253.00c	343.00c	417.00c	497.00c
							Mar25	88.00c	163.00c	253.00c	327.00c	407.00c
								Apr25	75.00c	165.00c	239.00c	319.00c
									May25	90.00c	164.00c	244.00c
										Jun25	74.00c	154.00c
											Jul25	80.00c
												Aug25



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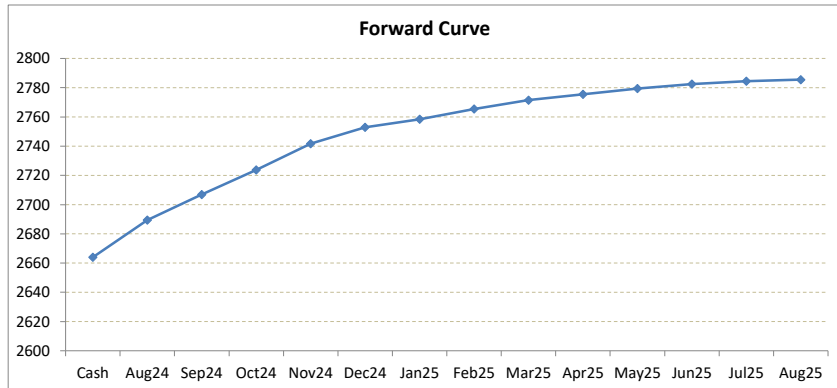
LME Valuation - Zinc

Cash - 3M: **62.48c**

Date: **2024-07-22**

Cash 2664.02
3M 2726.50
 Aug24 **2689.40**
 Sep24 **2706.84**
 Oct24 **2723.74**
 Nov24 **2741.68**
 Dec24 **2752.93**
 Jan25 **2758.43**
 Feb25 **2765.43**
 Mar25 **2771.43**
 Apr25 **2775.43**
 May25 **2779.43**
 Jun25 **2782.43**
 Jul25 **2784.43**
 Aug25 **2785.43**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	25.38c	42.82c	59.72c	77.66c	88.91c	94.41c	101.41c	107.41c	111.41c	115.41c	118.41c	120.41c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	37.10c	19.66c	2.76c	15.18c	26.43c	31.93c	38.93c	44.93c	48.93c	52.93c	55.93c	57.93c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	17.44c	16.90c	17.94c	11.25c	5.50c	7.00c	6.00c	4.00c	4.00c	3.00c	2.00c	1.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	17.44c	34.34c	52.28c	63.53c	69.03c	76.03c	82.03c	86.03c	90.03c	93.03c	95.03c	96.03c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	16.90c	34.84c	46.09c	51.59c	58.59c	64.59c	68.59c	72.59c	75.59c	77.59c	78.59c	
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Aug24	17.94c	29.19c	34.69c	41.69c	47.69c	51.69c	55.69c	58.69c	60.69c	61.69c		
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25			
Aug24	11.25c	16.75c	23.75c	29.75c	33.75c	37.75c	40.75c	42.75c	43.75c			
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25				
Aug24	5.50c	12.50c	18.50c	22.50c	26.50c	29.50c	31.50c	32.50c				
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25					
Aug24	7.00c	13.00c	17.00c	21.00c	24.00c	26.00c	27.00c					
	Mar25	Apr25	May25	Jun25	Jul25	Aug25						
Aug24	6.00c	10.00c	14.00c	17.00c	19.00c	20.00c						
	Apr25	May25	Jun25	Jul25	Aug25							
Aug24	4.00c	8.00c	11.00c	13.00c	14.00c							
	May25	Jun25	Jul25	Aug25								
Aug24	4.00c	7.00c	9.00c	10.00c								
	Jun25	Jul25	Aug25									
Aug24	3.00c	5.00c	6.00c									
	Jul25	Aug25										
Aug24	2.00c	3.00c										
	Aug25											
Aug24	1.00c											



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 ** Source: Reuters



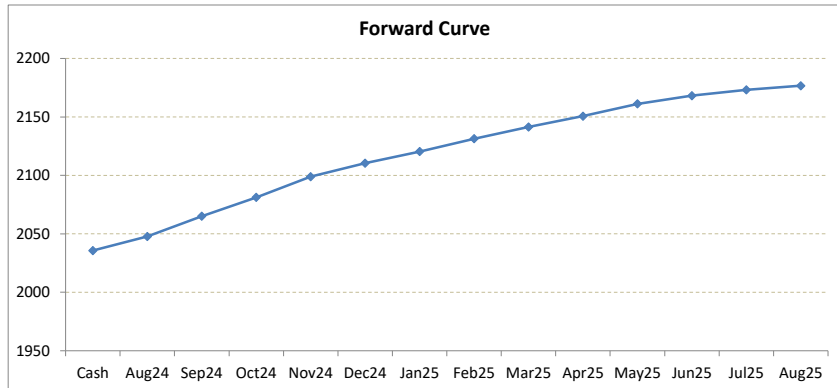
LME Valuation - Lead

Cash - 3M: 47.32c

Date: 2024-07-22

Cash 2035.68
3M 2083.00
 Aug24 **2047.68**
 Sep24 **2065.03**
 Oct24 **2081.21**
 Nov24 **2098.90**
 Dec24 **2110.40**
 Jan25 **2120.40**
 Feb25 **2131.40**
 Mar25 **2141.40**
 Apr25 **2150.65**
 May25 **2161.15**
 Jun25 **2168.15**
 Jul25 **2173.15**
 Aug25 **2176.65**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	12.00c	29.35c	45.53c	63.22c	74.72c	84.72c	95.72c	105.72c	114.97c	125.47c	132.47c	137.47c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	35.32c	17.97c	1.79c	15.90c	27.40c	37.40c	48.40c	58.40c	67.65c	78.15c	85.15c	90.15c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	17.35c	16.18c	17.69c	11.50c	10.00c	11.00c	10.00c	9.25c	10.50c	7.00c	5.00c	3.50c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	17.35c	33.53c	51.22c	62.72c	72.72c	83.72c	93.72c	102.97c	113.47c	120.47c	125.47c	128.97c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	16.18c	33.87c	45.37c	55.37c	66.37c	76.37c	85.62c	96.12c	103.12c	108.12c	111.62c	
Oct24		17.69c	29.19c	39.19c	50.19c	60.19c	69.44c	79.94c	86.94c	91.94c	95.44c	
Nov24			11.50c	21.50c	32.50c	42.50c	51.75c	62.25c	69.25c	74.25c	77.75c	
Dec24				10.00c	21.00c	31.00c	40.25c	50.75c	57.75c	62.75c	66.25c	
Jan25					11.00c	21.00c	30.25c	40.75c	47.75c	52.75c	56.25c	
Feb25						10.00c	19.25c	29.75c	36.75c	41.75c	45.25c	
Mar25							9.25c	19.75c	26.75c	31.75c	35.25c	
Apr25								10.50c	17.50c	22.50c	26.00c	
May25									7.00c	12.00c	15.50c	
Jun25										5.00c	8.50c	
Jul25											3.50c	
Aug25												



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 ** Source: Reuters

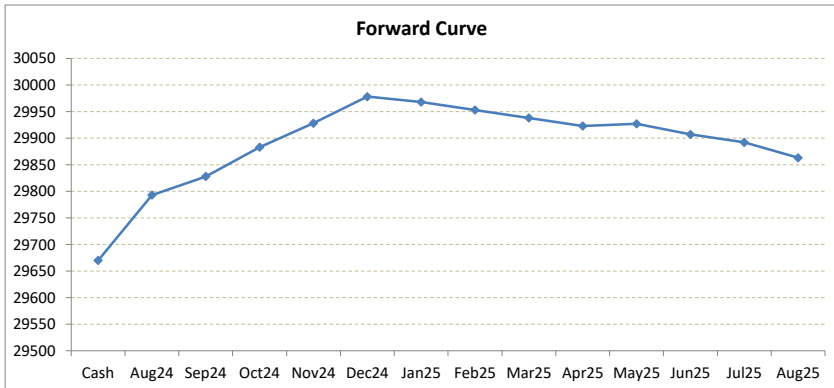
LME Valuation - Tin

Cash - 3M: 218.00c

Date: 2024-07-22

Cash 29670.00
3M 29888.00
 Aug24 **29793.00**
 Sep24 **29828.00**
 Oct24 **29883.00**
 Nov24 **29928.00**
 Dec24 **29978.00**
 Jan25 **29968.00**
 Feb25 **29953.00**
 Mar25 **29938.00**
 Apr25 **29923.00**
 May25 **29927.00**
 Jun25 **29907.00**
 Jul25 **29892.00**
 Aug25 **29863.00**

	Cash-Aug24	Cash-Sep24	Cash-Oct24	Cash-Nov24	Cash-Dec24	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25
Cash	123.00c	158.00c	213.00c	258.00c	308.00c	298.00c	283.00c	268.00c	253.00c	257.00c	237.00c	222.00c
	Aug24-3M	Sep24-3M	Oct24-3M	3M-Nov24	3M-Dec24	3M-Jan25	3M-Feb25	3M-Mar25	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25
3M	95.00c	60.00c	5.00c	40.00c	90.00c	80.00c	65.00c	50.00c	35.00c	39.00c	19.00c	4.00c
	Aug24-Sep24	Sep24-Oct24	Oct24-Nov24	Nov24-Dec24	Dec24-Jan25	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25
3rd wed	35.00c	55.00c	45.00c	50.00c	10.00b	15.00b	15.00b	15.00b	4.00c	20.00b	15.00b	29.00b
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Aug24	35.00c	90.00c	135.00c	185.00c	175.00c	160.00c	145.00c	130.00c	134.00c	114.00c	99.00c	70.00c
	Sep24	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25
Sep24	55.00c	100.00c	150.00c	140.00c	125.00c	110.00c	95.00c	99.00c	79.00c	64.00c	35.00c	
	Oct24	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	
Oct24	45.00c	95.00c	85.00c	70.00c	55.00c	40.00c	44.00c	24.00c	9.00c	20.00b		
	Nov24	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25		
Nov24	50.00c	40.00c	25.00c	10.00c	5.00b	1.00b	21.00b	36.00b	65.00b			
	Dec24	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25			
Dec24	10.00b	25.00b	40.00b	55.00b	51.00b	71.00b	86.00b	115.00b				
	Jan25	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25				
Jan25	15.00b	30.00b	45.00b	41.00b	61.00b	76.00b	105.00b					
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25					
Feb25	15.00b	30.00b	26.00b	46.00b	61.00b	90.00b						
	Mar25	Apr25	May25	Jun25	Jul25	Aug25						
Mar25	15.00b	11.00b	31.00b	46.00b	75.00b							
	Apr25	May25	Jun25	Jul25	Aug25							
Apr25	4.00c	16.00b	31.00b	60.00b								
	May25	Jun25	Jul25	Aug25								
May25	20.00b	35.00b	64.00b									
	Jun25	Jul25	Aug25									
Jun25	15.00b	44.00b										
	Jul25	Aug25										
Jul25	29.00b											
	Aug25											
Aug25												



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