

Lead is not dead: Chinese go long, big time

Open interest on the Shanghai Lead contract has surged almost 50% this month as Chinese speculators pile on long positions. Physical markets are tight but be cautious since lead rarely holds such speculative interest for long



Source: Shutterstock



The third jump in SHFE Lead open interest

Source: SHFE, ING Research

History suggests it won't last long

The Shanghai Futures Exchange (SHFE) Lead contract has before now had two other intense, but short, surges in speculative interest. If history repeats then the higher prices and speculation will soon roll over. In November 2016 speculation in SHFE Lead first took off only after activity in the rebar and nickel contracts were curbed through higher fees. Presumably, this diverted some of those assets into the lead contract. As nickel and rebar picked up again, lead's speculative interest quickly evaporated leaving prices to fall steeply. Those swings in a now more liquid LME-SHFE Lead arbitrage also re-wrote the status quo by encouraging sizable refined lead metal imports into China as physical merchants locked in the differential.

In August 2017, lead positions rocketed once more, hitting even higher levels than currently. This time the drivers were seemingly more lead-specific as Shanghai stocks were drawn to lows, in turn, prompting large backwardations so that the profits to be made on the rolls incentivised traders to go long. That price peak once again quickly rolled over because metal stocks were soon delivered on to the exchange whilst other speculators also capped the rally according to the swings in the various relative value trades: the LME/SHFE Lead ratio had hit a record low and the SHFE Zinc/Lead ratio had dropped suddenly. Like in 2016, a burst of interest in a more active contract (Nickel) also seemed to divert the speculators away.

Shanghai speculators jumped on lead during lulls in nickel/rebar



Feels like September 2017: SHFE speculators go long lead amid big backwardation & low stocks



Source: SHFE, ING Research

Timing the next speculative exodus

Whilst respecting the physical tightness, like the previous sessions, we don't think such a quick pace of Shanghai open interest is sustainable. If the exit is as quick as before then Shanghai lead prices are sure to drop which will, in turn, knock on to LME levels. The timing is everything. Here are some key points to bear in mind:

1 A deep backwardation but only soft domestic premiums

The 3rd-1st month spread on Shanghai has hit 840 RMB/t, deep, but still far to go from the previous highs above 1300 RMB/t in August 2017 when exchange stocks were only slightly lower. Even though the backwardation is less, no doubt it's starting to get tempting for traders to think about making stock deliveries to the exchange. Especially since Chinese domestic physical market premiums for primary metal are flat whereas the 2017 spike saw those premiums go over \$100/mt. So long as the tightness is left to just the paper market then things look vulnerable. Speculators may liquidate on signs of stock deliveries.

Lower domestic premiums make it more temping for traders to deliver to SHFE



Source: SHFE, Antaike, SMM, ING Research

Secondary shortage pulls on primary stocks

The latest drawdown in lead metal stocks is intensified by the uncertainty around Chinese secondary lead production (from scrap batteries). In total, secondary accounts for c.60% of Chinese lead production but there have been ongoing reports of intensified environmental checks on small sized smelters across Guangzi, Yunnan, and Hunnan. The price gap between secondary and primary lead has narrowed significantly which is, in turn, encouraging more of those secondary users caught short to turn to the primary market. Primary lead metal stocks might, therefore, be around the levels of where the last backwardation peaked but this additional demand equals a tighter stock cover that could sustain the backwardation for longer.

Roll profits could keep the LME-SHFE arb open but imports will crash the party

Shanghai is once again trading at a sizeable premium to the LME. At \$290/mt currently, it's around

those highs hit last year. Still, arbitrage traders might not take profits yet because the Shanghai backwardation contrasts with a contango on the LME. Arb traders can therefore generate profits by rolling Shanghai longs versus LME shorts, in turn, boosting the arbitrage further. We can, however, expect that price arbitrage will also begin to pull stocks into China. Given looser ex-China markets (ample LME stocks, lower premiums) these flows should alleviate the Chinese situation and give the SHFE speculators reason to liquidate. Such flows can take time however (weeks to months).



SHFE-LME arb will likely restart lead metal imports

Source: SHFE, LME, China Customs, ING Research

4 The Zinc/Lead Ratio is on its way down anyway

Amid the recent lead rally, the SHFE Zinc/Lead ratio has gone to 1.26x. But dips below 1.3x have rarely lasted longer than a week since 2Q17. Nonetheless we think the ratio was overstretched for some time and that there is becoming a wide consensus on this. Recent swings in the ratio should therefore pose less of a trigger for the speculators to act against the lead rally. The zinc deficit should ease considerably this year as more zinc-weighted mine supply comes online. Further, we think lead largely lagged zinc through the last two years because of the former's scrap supply contribution, which diluted the cuts in mine supply. But as secondary lead production surged to fill the void, the battery scrap market has now also tightened considerably. Based on LME prices, ING forecast a zinc/lead ratio of 1.25 by year-end, down from 1.31 currently.



The Zinc/Lead Ratio has peaked

Source: SHFE, LME, ING Research

Author

Amrita Naik Nimbalkar Junior Economist, Global Macro amrita.naik.nimbalkar@ing.com

Alissa Lefebre Economist

<u>alissa.lefebre@ing.com</u> Deepali Bhargava

Regional Head of Research, Asia-Pacific Deepali.Bhargava@ing.com

Ruben Dewitte

Economist +32495364780 ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic 420 770 321 486 <u>david.havrlant@ing.com</u>

Sander Burgers

Senior Economist, Dutch Housing sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China <u>lynn.song@asia.ing.com</u>

Michiel Tukker

Senior European Rates Strategist michiel.tukker@ing.com

Michal Rubaszek Senior Economist, Poland michal.rubaszek@ing.pl

This is a test author

Stefan Posea Economist, Romania <u>tiberiu-stefan.posea@ing.com</u>

Marine Leleux Sector Strategist, Financials marine.leleux2@ing.com

Jesse Norcross Senior Sector Strategist, Real Estate jesse.norcross@ing.com

Teise Stellema Research Assistant, Energy Transition <u>teise.stellema@ing.com</u>

Diederik Stadig Sector Economist, TMT & Healthcare <u>diederik.stadig@ing.com</u>

Diogo Gouveia Sector Economist diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux Sector Strategist, Financials marine.leleux2@ing.com

Ewa Manthey Commodities Strategist <u>ewa.manthey@ing.com</u>

ING Analysts

James Wilson EM Sovereign Strategist James.wilson@ing.com

Sophie Smith Digital Editor sophie.smith@ing.com

Frantisek Taborsky EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak Senior Economist, Poland adam.antoniak@ing.pl

Min Joo Kang Senior Economist, South Korea and Japan min.joo.kang@asia.ing.com

Coco Zhang ESG Research coco.zhang@ing.com

Jan Frederik Slijkerman Senior Sector Strategist, TMT jan.frederik.slijkerman@ing.com

Katinka Jongkind Senior Economist, Services and Leisure Katinka.Jongkind@ing.com

Marina Le Blanc Sector Strategist, Financials Marina.Le.Blanc@ing.com

Samuel Abettan Junior Economist samuel.abettan@ing.com

Franziska Biehl Senior Economist, Germany Franziska.Marie.Biehl@ing.de

Rebecca Byrne Senior Editor and Supervisory Analyst <u>rebecca.byrne@ing.com</u>

Mirjam Bani Sector Economist, Commercial Real Estate & Public Sector (Netherlands) mirjam.bani@ing.com

Timothy Rahill Credit Strategist timothy.rahill@ing.com

Leszek Kasek Senior Economist, Poland

leszek.kasek@ing.pl

Oleksiy Soroka, CFA Senior High Yield Credit Strategist oleksiy.soroka@ing.com

Antoine Bouvet Head of European Rates Strategy antoine.bouvet@ing.com

Jeroen van den Broek Global Head of Sector Research jeroen.van.den.broek@ing.com

Edse Dantuma Senior Sector Economist, Industry and Healthcare <u>edse.dantuma@ing.com</u>

Francesco Pesole FX Strategist francesco.pesole@ing.com

Rico Luman Senior Sector Economist, Transport and Logistics <u>Rico.Luman@ing.com</u>

Jurjen Witteveen

Sector Economist jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS dmitry.dolgin@ing.de

Nicholas Mapa Senior Economist, Philippines nicholas.antonio.mapa@asia.ing.com

Egor Fedorov Senior Credit Analyst egor.fedorov@ing.com

Sebastian Franke Consumer Economist sebastian.franke@ing.de

Gerben Hieminga Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy nadege.tillier@ing.com

Charlotte de Montpellier Senior Economist, France and Switzerland <u>charlotte.de.montpellier@ing.com</u>

Laura Straeter Behavioural Scientist +31(0)611172684 laura.Straeter@ing.com

Valentin Tataru Chief Economist, Romania valentin.tataru@ing.com

James Smith Developed Markets Economist, UK james.smith@ing.com

Suvi Platerink Kosonen Senior Sector Strategist, Financials <u>suvi.platerink-kosonen@ing.com</u>

Thijs Geijer Senior Sector Economist, Food & Agri thijs.geijer@ing.com

Maurice van Sante Senior Economist Construction & Team Lead Sectors <u>maurice.van.sante@ing.com</u>

Marcel Klok Senior Economist, Netherlands <u>marcel.klok@ing.com</u>

Piotr Poplawski Senior Economist, Poland piotr.poplawski@ing.pl

Paolo Pizzoli Senior Economist, Italy, Greece <u>paolo.pizzoli@ing.com</u>

Marieke Blom

Chief Economist and Global Head of Research marieke.blom@ing.com

Raoul Leering Senior Macro Economist raoul.leering@ing.com

Maarten Leen Head of Global IFRS9 ME Scenarios <u>maarten.leen@ing.com</u>

Maureen Schuller Head of Financials Sector Strategy <u>Maureen.Schuller@ing.com</u>

Warren Patterson

Head of Commodities Strategy Warren.Patterson@asia.ing.com

Rafal Benecki Chief Economist, Poland rafal.benecki@ing.pl

Philippe Ledent

Senior Economist, Belgium, Luxembourg philippe.ledent@ing.com

Peter Virovacz Senior Economist, Hungary

peter.virovacz@ing.com

Inga Fechner

Senior Economist, Germany, Global Trade inga.fechner@ing.de

Dimitry Fleming

Senior Data Analyst, Netherlands <u>Dimitry.Fleming@ing.com</u>

Ciprian Dascalu

Chief Economist, Romania +40 31 406 8990 <u>ciprian.dascalu@ing.com</u>

Muhammet Mercan

Chief Economist, Turkey <u>muhammet.mercan@ingbank.com.tr</u> Iris Pang Chief Economist, Greater China iris.pang@asia.ing.com

Sophie Freeman Writer, Group Research +44 20 7767 6209 Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA Regional Head of Research, Americas padhraic.garvey@ing.com

James Knightley Chief International Economist, US james.knightley@ing.com

Tim Condon Asia Chief Economist +65 6232-6020

Martin van Vliet Senior Interest Rate Strategist +31 20 563 8801 martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist +44 20 7767 6405 <u>viraj.patel@ing.com</u>

Owen Thomas

Global Head of Editorial Content +44 (0) 207 767 5331 <u>owen.thomas@ing.com</u>

Bert Colijn

Chief Economist, Netherlands <u>bert.colijn@ing.com</u> Peter Vanden Houte Chief Economist, Belgium, Luxembourg, Eurozone <u>peter.vandenhoute@ing.com</u>

Benjamin Schroeder Senior Rates Strategist benjamin.schroder@ing.com

Chris Turner Global Head of Markets and Regional Head of Research for UK & CEE <u>chris.turner@ing.com</u>

Gustavo Rangel Chief Economist, LATAM +1 646 424 6464 gustavo.rangel@ing.com

Carlo Cocuzzo Economist, Digital Finance +44 20 7767 5306 carlo.cocuzzo@ing.com