

## The lead-zinc spread ongoing recovery continues

The lead-zinc spread has improved considerably, but we think there is still a little bit more room for improvement as the strength in their fundamentals suggest. Zinc is finally transitioning to a surplus market, but for lead we think the global market balance needs to be reconsidered



Source: Shutterstock

### The restoration of lead-zinc spread goes on

The relative value between lead and zinc has been shifting with zinc's premium over lead narrowing from over \$1,000 in mid-April to just around \$400 at the end of July. We think their relative strengths stemming from fundamentals have been driving the lead-zinc spread and there is still more room for the remainder of this year.

---

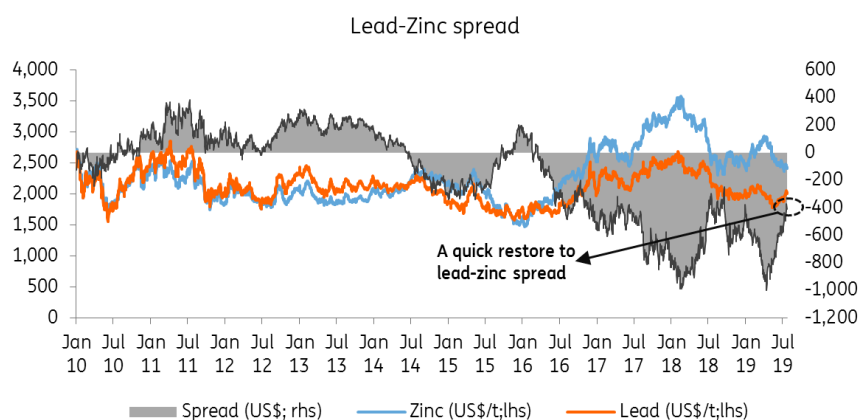
*For zinc, the LME spread ease may suggest the market is finally transitioning to a surplus market*

---

For zinc, the London Metal Exchange (LME) spread ease may suggest the market is finally transitioning to a surplus market. You can also see this phenomenon in rising Chinese productions at the back of large-scale smelters. One risk is that the current low LME zinc stock implies that selling at the nearby contracts looks dangerous. However, a recent contango is rolling towards February 2020 according to the LME zinc forward curve, providing opportunities to sell longer-dated contracts.

In terms of lead, we think there is a need to re-evaluate the global market balance, and we feel a turn in expectations could have already hit the market. As a result, we think lead's price strength looks stronger than zinc, which should help to restore the spread.

## Lead-Zinc spread



Source: Bloomberg, ING

## Re-evaluating lead's market balance

By re-evaluating the global lead market balance, we think the surplus could end up smaller or even balanced than the market previously expected. This suggests a potential expectation correction among investors. In fact, we feel that given the LME stocks are at its 10-year lows, some speculation may have already come to surprise despite the battery metal is in seasonal demand lull. In LME, lead has been the second-best performer after nickel over the past two weeks.

*Re-evaluating the global lead market balance, we think the surplus could end up smaller or even balanced than the market previously expected*

Earlier this year, the International Lead and Zinc Study Group (ILZSG) reported the global lead market is flipping from a deficit of 78kt from 2018 into a surplus of around 70kt in 2019. However, the outage at Nyrstar's Port Pirie smelter could result in 30kt supply losses. In the meantime, two large Chinese primary lead smelters went into unplanned maintenance from the end of June and could collectively bring another 20kt supply losses. Going forward, the risks of supply pointing to the downside are still high and possibly from China due to the country's stringent pollution control measures which place a cap on both primary and secondary productions. In early July, Beijing sent

inspection teams to eight more provinces and regions to see how well they are complying with the state environmental rules, which suggests the authorities hasn't really relaxed monitoring the industry closely.

In the meantime, to better regulate scrap lead acid batteries (LABs) recycling and transportation, Beijing has launched campaigns in more than 20 pilot regions in March in 2019. One of the immediate results we heard from the market is that the availability of scrap LABs has largely reduced. But since scrap LABs are a major source of secondary lead productions, a prolonged tightness could result in lower secondary production from the country.

## Zinc market finally transitioning to a surplus

The timeline for zinc's return to surplus keeps shifting. This is in large part due to a 'smelter bottleneck' from Chinese smelters capping production growth despite margins improving in 2018. Previously, the market expected smelters to respond sooner to higher treatment charges but refined productions from the country turned out to be a bit disappointing.

---

*The recent collapse of the LME zinc spread could be suggesting the galvanising metal is finally transitioning to a surplus market*

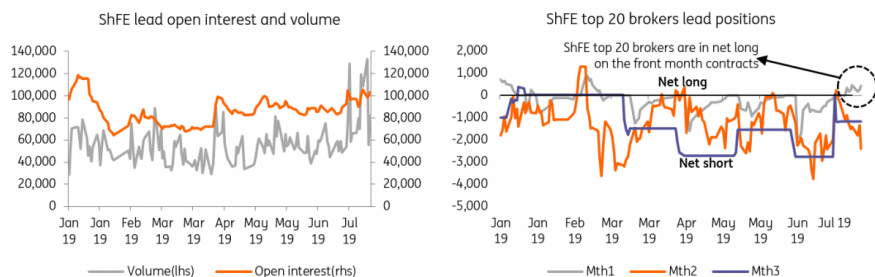
---

The recent collapse of LME zinc spread could be suggesting the galvanising metal is finally transitioning to a surplus market. Of course, this is not without help from weaker than expected demand year to date. Despite that, the study group has a small deficit on the global level. ING zinc balance for China is showing the world's largest refined zinc producer and consumer market has flipped into a small surplus from July, although we don't expect this would directly help shore up LME inventory level.

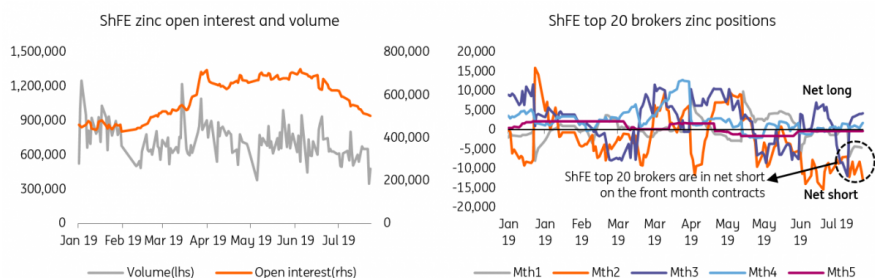
On the demand side, we only see marginal improvements towards the end of Q3 and early Q4 primarily from white goods and infrastructure sectors from China. Overall, supply growth is still outpacing demand which means the market is well supplied.

## ShFE positioning signals the market is in favour of lead

Looking at the Shanghai Futures Exchange (ShFE) lead, recent prices are in defiance of surging stocks (latest at 35kt on July 19), and both open interest and volume have risen. The top 20 brokers have returned to net longs on the near dated contracts. In contrast, they went for net short on zinc's near dates contracts. Meanwhile, both trading volume and open interest have declined a lot in July.



Source: Bloomberg, ING



Source: Bloomberg, ING

Moving to LME, inventory continues to fall to just close to 57kt, with a year-to-date decline of 47%. This has been sending bullish signals for the lead market technically despite the forward curve not suggesting a shortage of metal. There is a possibility that sometime later the near dated spread would flip to backwardation as we saw two weeks ago.

## Author

**Olivia Grace**

Editor

[olivia.grace@ing.com](mailto:olivia.grace@ing.com)

**Julian Geib**

Junior Economist, Global Trade

[julian.geib@ing.de](mailto:julian.geib@ing.de)

**Zoltán Homolya**

Economic research trainee

[zoltan.homolya@ing.com](mailto:zoltan.homolya@ing.com)

**Amrita Naik Nimbalkar**

Junior Economist, Global Macro

[amrita.naik.nimbalkar@ing.com](mailto:amrita.naik.nimbalkar@ing.com)

**Mateusz Sutowicz**

Senior Economist, Poland

[mateusz.sutowicz@ing.pl](mailto:mateusz.sutowicz@ing.pl)

**Alissa Lefebre**

Economist

[alissa.lefebvre@ing.com](mailto:alissa.lefebvre@ing.com)

**Deepali Bhargava**

Regional Head of Research, Asia-Pacific

[Deepali.Bhargava@ing.com](mailto:Deepali.Bhargava@ing.com)

**Ruben Dewitte**

Economist

+32495364780

[ruben.dewitte@ing.com](mailto:ruben.dewitte@ing.com)

**Kinga Havasi**

Economic research trainee

[kinga.havasi@ing.com](mailto:kinga.havasi@ing.com)

**Marten van Garderen**

Consumer Economist, Netherlands

[marten.van.garderen@ing.com](mailto:marten.van.garderen@ing.com)

**David Havrlant**

Chief Economist, Czech Republic

420 770 321 486

[david.havrlant@ing.com](mailto:david.havrlant@ing.com)

**Sander Burgers**

Senior Economist, Dutch Housing

[sander.burgers@ing.com](mailto:sander.burgers@ing.com)

**Lynn Song**

Chief Economist, Greater China

[lynn.song@ing.com](mailto:lynn.song@ing.com)

**Michiel Tukker**

Senior UK & Eurozone Rates Strategist

[michiel.tukker@ing.com](mailto:michiel.tukker@ing.com)

**Michal Rubaszek**

Senior Economist, Poland

[michal.rubaszek@ing.pl](mailto:michal.rubaszek@ing.pl)

**This is a test author**

**Stefan Posea**

Economist, Romania

[tiberiu-stefan.posea@ing.com](mailto:tiberiu-stefan.posea@ing.com)

**Marine Leleux**

Sector Strategist, Financials

[marine.leleux2@ing.com](mailto:marine.leleux2@ing.com)

**Jesse Norcross**

Senior Sector Strategist, Real Estate

[jesse.norcross@ing.com](mailto:jesse.norcross@ing.com)

**Teise Stellema**

Research Assistant, Energy Transition

[teise.stellema@ing.com](mailto:teise.stellema@ing.com)

**Diederik Stadig**

Senior Economist, Healthcare & Technology

[diederik.stadig@ing.com](mailto:diederik.stadig@ing.com)

**Diogo Gouveia**

Sector Economist

[diogo.duarte.vieira.de.gouveia@ing.com](mailto:diogo.duarte.vieira.de.gouveia@ing.com)

**Marine Leleux**

Sector Strategist, Financials

[marine.leleux2@ing.com](mailto:marine.leleux2@ing.com)

**Ewa Manthey**

Commodities Strategist

[ewa.manthey@ing.com](mailto:ewa.manthey@ing.com)

**ING Analysts**

**James Wilson**

EM Sovereign Strategist

[James.wilson@ing.com](mailto:James.wilson@ing.com)

**Sophie Smith**

Digital Editor

[sophie.smith@ing.com](mailto:sophie.smith@ing.com)

**Frantisek Taborsky**

EMEA FX & FI Strategist

[frantisek.taborsky@ing.com](mailto:frantisek.taborsky@ing.com)

**Adam Antoniak**

Senior Economist, Poland

[adam.antoniak@ing.pl](mailto:adam.antoniak@ing.pl)

**Min Joo Kang**

Senior Economist, South Korea and Japan  
[min.joo.kang@ing.com](mailto:min.joo.kang@ing.com)

**Coco Zhang**  
ESG Research  
[coco.zhang@ing.com](mailto:coco.zhang@ing.com)

**Jan Frederik Slijkerman**  
Senior Sector Strategist, TMT  
[jan.frederik.slijkerman@ing.com](mailto:jan.frederik.slijkerman@ing.com)

**Katinka Jongkind**  
Senior Economist, Services and Leisure  
[Katinka.Jongkind@ing.com](mailto:Katinka.Jongkind@ing.com)

**Marina Le Blanc**  
Sector Strategist, Financials  
[Marina.Le.Blanc@ing.com](mailto:Marina.Le.Blanc@ing.com)

**Samuel Abettan**  
Junior Economist  
[samuel.abettan@ing.com](mailto:samuel.abettan@ing.com)

**Franziska Biehl**  
Senior Economist, Germany  
[Franziska.Marie.Biehl@ing.de](mailto:Franziska.Marie.Biehl@ing.de)

**Rebecca Byrne**  
Deputy Global Head of Editorial and Supervisory Analyst  
[rebecca.byrne@ing.com](mailto:rebecca.byrne@ing.com)

**Mirjam Bani**  
Sector Economist, Commercial Real Estate & Public Sector (Netherlands)  
[mirjam.bani@ing.com](mailto:mirjam.bani@ing.com)

**Timothy Rahill**  
Credit Strategist  
[timothy.rahill@ing.com](mailto:timothy.rahill@ing.com)

**Leszek Kasek**  
Senior Economist, Poland  
[leszek.kasek@ing.pl](mailto:leszek.kasek@ing.pl)

**Antoine Bouvet**  
Head of European Rates Strategy  
[antoine.bouvet@ing.com](mailto:antoine.bouvet@ing.com)

**Jeroen van den Broek**

Global Head of Sector Research  
[jeroen.van.den.broek@ing.com](mailto:jeroen.van.den.broek@ing.com)

**Edse Dantuma**  
Senior Sector Economist, Industry and Healthcare  
[edse.dantuma@ing.com](mailto:edse.dantuma@ing.com)

**Francesco Pesole**  
FX Strategist  
[francesco.pesole@ing.com](mailto:francesco.pesole@ing.com)

**Rico Luman**  
Senior Sector Economist, Transport and Logistics  
[Rico.Luman@ing.com](mailto:Rico.Luman@ing.com)

**Jurjen Witteveen**  
Sector Economist  
[jurjen.witteveen@ing.com](mailto:jurjen.witteveen@ing.com)

**Dmitry Dolgin**  
Chief Economist, CIS  
[dmitry.dolgin@ing.de](mailto:dmitry.dolgin@ing.de)

**Nicholas Mapa**  
Senior Economist, Philippines  
[nicholas.antonio.mapa@asia.ing.com](mailto:nicholas.antonio.mapa@asia.ing.com)

**Egor Fedorov**  
Senior Credit Analyst  
[egor.fedorov@ing.com](mailto:egor.fedorov@ing.com)

**Sebastian Franke**  
Consumer Economist  
[sebastian.franke@ing.de](mailto:sebastian.franke@ing.de)

**Gerben Hieminga**  
Senior Sector Economist, Energy  
[gerben.hieminga@ing.com](mailto:gerben.hieminga@ing.com)

**Nadège Tillier**  
Head of Corporate Sector Strategy  
[nadege.tillier@ing.com](mailto:nadege.tillier@ing.com)

**Charlotte de Montpellier**  
Senior Economist, France and Switzerland  
[charlotte.de.montpellier@ing.com](mailto:charlotte.de.montpellier@ing.com)

**Laura Straeter**

Behavioural Scientist  
+31(0)611172684  
[laura.Straeter@ing.com](mailto:laura.Straeter@ing.com)

**Valentin Tataru**  
Chief Economist, Romania  
[valentin.tataru@ing.com](mailto:valentin.tataru@ing.com)

**James Smith**  
Developed Markets Economist, UK  
[james.smith@ing.com](mailto:james.smith@ing.com)

**Suvi Platerink Kosonen**  
Senior Sector Strategist, Financials  
[suvi.platerink-kosonen@ing.com](mailto:suvi.platerink-kosonen@ing.com)

**Thijs Geijer**  
Senior Sector Economist, Food & Agri  
[thijs.geijer@ing.com](mailto:thijs.geijer@ing.com)

**Maurice van Sante**  
Senior Economist Construction & Team Lead Sectors  
[maurice.van.sante@ing.com](mailto:maurice.van.sante@ing.com)

**Marcel Klok**  
Senior Economist, Netherlands  
[marcel.klok@ing.com](mailto:marcel.klok@ing.com)

**Paolo Pizzoli**  
Senior Economist, Italy, Greece  
[paolo.pizzoli@ing.com](mailto:paolo.pizzoli@ing.com)

**Marieke Blom**  
Chief Economist and Global Head of Research  
[marieke.blom@ing.com](mailto:marieke.blom@ing.com)

**Raoul Leering**  
Senior Macro Economist  
[raoul.leering@ing.com](mailto:raoul.leering@ing.com)

**Maarten Leen**  
Head of Global IFRS9 ME Scenarios  
[maarten.leen@ing.com](mailto:maarten.leen@ing.com)

**Maureen Schuller**  
Head of Financials Sector Strategy  
[Maureen.Schuller@ing.com](mailto:Maureen.Schuller@ing.com)

**Warren Patterson**

Head of Commodities Strategy

[Warren.Patterson@ing.com](mailto:Warren.Patterson@ing.com)

**Rafal Benecki**

Chief Economist, Poland

[rafal.benecki@ing.pl](mailto:rafal.benecki@ing.pl)

**Philippe Ledent**

Senior Economist, Belgium, Luxembourg

[philippe.ledent@ing.com](mailto:philippe.ledent@ing.com)

**Peter Virovacz**

Senior Economist, Hungary

[peter.virovacz@ing.com](mailto:peter.virovacz@ing.com)

**Inga Fechner**

Senior Economist, Global Trade

[inga.fechner@ing.de](mailto:inga.fechner@ing.de)

**Dimitry Fleming**

Senior Data Analyst, Netherlands

[Dimitry.Fleming@ing.com](mailto:Dimitry.Fleming@ing.com)

**Ciprian Dascalu**

Chief Economist, Romania

+40 31 406 8990

[ciprian.dascalu@ing.com](mailto:ciprian.dascalu@ing.com)

**Muhammet Mercan**

Chief Economist, Turkey

[muhammet.mercan@ingbank.com.tr](mailto:muhammet.mercan@ingbank.com.tr)

**Iris Pang**

Chief Economist, Greater China

[iris.pang@asia.ing.com](mailto:iris.pang@asia.ing.com)

**Sophie Freeman**

Writer, Group Research

+44 20 7767 6209

[Sophie.Freeman@uk.ing.com](mailto:Sophie.Freeman@uk.ing.com)

**Padhraic Garvey, CFA**

Regional Head of Research, Americas

[padhraic.garvey@ing.com](mailto:padhraic.garvey@ing.com)

**James Knightley**

Chief International Economist, US

[james.knightley@ing.com](mailto: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](mailto:martin.van.vliet@ing.com)

**Karol Pogorzelski**

Senior Economist, Poland  
[Karol.Pogorzelski@ing.pl](mailto:Karol.Pogorzelski@ing.pl)

**Carsten Brzeski**

Global Head of Macro  
[carsten.brzeski@ing.de](mailto:carsten.brzeski@ing.de)

**Viraj Patel**

Foreign Exchange Strategist  
+44 20 7767 6405  
[viraj.patel@ing.com](mailto:viraj.patel@ing.com)

**Owen Thomas**

Global Head of Editorial Content  
+44 (0) 207 767 5331  
[owen.thomas@ing.com](mailto:owen.thomas@ing.com)

**Bert Colijn**

Chief Economist, Netherlands  
[bert.colijn@ing.com](mailto:bert.colijn@ing.com)

**Peter Vanden Houte**

Chief Economist, Belgium, Luxembourg, Eurozone  
[peter.vandenhoute@ing.com](mailto:peter.vandenhoute@ing.com)

**Benjamin Schroeder**

Senior Rates Strategist  
[benjamin.schroeder@ing.com](mailto:benjamin.schroeder@ing.com)

**Chris Turner**

Global Head of Markets and Regional Head of Research for UK & CEE  
[chris.turner@ing.com](mailto:chris.turner@ing.com)

**Gustavo Rangel**

Chief Economist, LATAM  
+1 646 424 6464

[gustavo.rangel@ing.com](mailto:gustavo.rangel@ing.com)

**Carlo Cocuzzo**

Economist, Digital Finance

+44 20 7767 5306

[carlo.cocuzzo@ing.com](mailto:carlo.cocuzzo@ing.com)