

Macro Snapshot – Chief Economist Jean Ergas

September 22, 2015

Update September 22nd 2015

More doubts on growth – chorus of the virtuous swells – beware of "back end risk" on asset plays – Shocked at having to back into Chinese GDP, like a third string refiner - Deutschland, will VW crush the recovery? – commodities – a grim drumbeat

What a difference a day makes! Investors discovering link between growth and profits! Now that is a novel idea!

What a difference a day makes! We are waking up to a grim picture across equity markets, with the lack of growth the key driver. You simply cannot have stock markets posited on a value proposition – the fact that free cash flow is high because of minimal capital expenditure is not encouraging.

Beware of "back end" risk in asset plays - steel price can collapse!

A combination of falling demand and deflationary pressures reducing pricing power further shall pose traps for the unwary and highly leveraged. Low inflation / deflation eliminates any "wiggle room" from inflationary asset plays - "back end" risk on asset disposals is increasing by the minute. When you are repaying your debts in "real money", cash flow is everything.

We are seeing more virtuous stepping up to testify on global growth

We are pleased to hear more brave voices finding the courage to challenge political orthodoxy and revise their estimates for Chinese growth downwards. The ADB now informs us that they estimate a 6.8 per cent growth rate this year. We see this as figure fueled by continued government investment in unnecessary infrastructure and a steady accumulation of bad debts.

Shades of my youth – we are "backing up" into the Chinese data – World's second economy subject to same metrics as third string refiner!

Doubts as to the official Chinese date have reached the point where macro analysis is being increasingly posited on basic indicators – such as electricity and coal consumption. We are analyzing the alleged second global economy as if were attempting to "back up" into the cash flow of a third string refiner! Shades of my youth!

David Ricardo and Adam Smith do not live here anymore!

We consider it useless to fixate on the direct trading relationship with China. Global trade has evolved since Adam Smith and David Ricardo – who built their theories on two country models with exchange of cloth and wine! In a global economy which is characterized by integrated supply chains, second round effects can be devastating. We are all now – like it or not – part of the Chinese supply chain.

Jean Ergas (646) 780-8880 jergas@tigressfp.com Twitter: @jean_ergas

Tigress Financial Partners
Member of FINRA / MSRB /
SIPC

500 Fifth Avenue New York, NY 10110 (212) 430-8700

www.tigressfinancialpartners.com

To subscribe to Jean's Global Macro Overview, order customized reports, or gain direct access to Jean, contact research@tigressfp.com.

© 2015 Tigress Financial Partners LLC. No part of this report may be reproduced or redistributed in any form.



Research Highlights

September 22, 2015 Page 2 of 4

Carmakers - First China now VW- No end of a lesson! Who is next?

With regard to Europe, the carnage continues as the carmakers continue to collapse under the dual impact of rapidly rising growth fears and the Volkswagen scandal. The VW scandal is not only stoking concerns as whether the other car producers might also be dragged in to the fray.

Will Germany's reputation for reliability be shredded?

It is raising concerns as to Germany's reputation for industrial reliability – upon which its high value added exports and pricing power are predicated. With Germany still largely doing the heavy lifting for the single currency area, we need to brace for further volatility. We see as key that Euro Zone stock markets are down notwithstanding a weaker Euro.

Commodities - "Long day's journey to the end of the night" not over

This cheerful scenario is continuing to take a powerful toll on commodities, which are plumbing new depths. We see the commodity complex, including oil as under continued pressure. There is scant scope for a rapid turnaround and we foresee continued weakness at both the micro and macro level. There continues to be a surfeit of capacity and, while the industry started to retrench before the oil sector, the impact is not yet coming through.



Research Highlights

September 22, 2015 Page 3 of 4

Contacts

Jean Ergas Chief Economist (917) 551-6533 Direct jergas@tigressfp.com

Brian O'Sullivan Managing Director, Trading (646) 798-8453 Direct bosullivan@tigressfp.com Ivan Feinseth Chief Investment Officer (212) 430-8730 Direct ifeinseth@tigressfp.com

Ernest Williams Institutional Sales & Trading (646) 862-2912 Direct ewilliams@tigressfp.com Philip Van Deusen
Director of Research
(646) 862-2909 Direct
pvandeusen@tigressfp.com

Chris DeCarolis
Research Associate
(646) 402-6695 Direct
cdecarolis@tigressfp.com

About Jean:

Jean Ergas is the Chief Economist for Tigress Financial Partners LLC (Member FINRA, MSRB,SIPC) based in New York City.

He is an Adjunct Assistant Professor at New York University's School of Professional Studies and an Adjunct Faculty member at Manhattanville College. In 2014 he received the award for teaching excellence from NYU School of Professional Studies.

He is fluent in English, French, German, Italian, Spanish and Portuguese. He also has a certificate in Arabic – from NYU School of Professional Studies.

His career has spanned the complete range of macro risk analysis - energy / commodities with ENI - Global Fortune 500 17 - leading global natural resources group, capital markets with Swiss Bank Corporation (now UBS) and insurance / reinsurance with the A.M.Best Company. Jean contributes regularly to international media commenting on key macro-economic issues.

Jean is a member of the American Institute of Certified Public Accountants and has an MBA and an Advanced Professional Certificate in Accounting from New York University's Stern School. He has also passed the FINRA Series 7 examination.



Research Highlights

September 22, 2015 Page 4 of 4

Research Report Disclaimer

This report is produced for informational purposes only and is not a solicitation to buy or sell any securities or services from any companies or issuers mentioned herein or to participate in any particular trading strategy or in any jurisdiction in which such an offer or solicitation would violate applicable laws or regulations.

Tigress research is distributed in the United States by Tigress Financial Partners LLC a registered broker dealer with the Securities and Exchange Commission (SEC) and a member of the Financial Industry Regulatory Authority (FINRA) and in Brazil by Gradual Investmentos, Gradual CCTVM S/A, a financial institution authorized by the Central Bank of Brazil.

The information contained herein has been obtained or derived from sources believed to be reliable but its accuracy and completeness is not guaranteed and should not be the sole basis of any investment decision but only to be used as a factor in the investment decision process.

This report does not provide individually tailored investment advice and has been prepared without regard to the individual financial circumstances and investment objectives of any person(s) receiving it. The analysis and conclusions herein are not a complete analysis of every material fact respecting any company, industry, or security. The opinions expressed in this report reflect the judgment of the author(s) at this date and are subject to change without further notice. Tigress Financial Partners is under no obligation to provide updates to recipients of any previously issued reports or recommendations.

The market value and expected income from any investment may vary because of changes in interest rates or foreign exchange rates, securities prices or market indexes, operational or financial conditions of the underlying companies or other factors. Past performance is not indicative of future performance. Estimates of future performance, research ratings and target prices are based on assumptions that may not be realized. Unless otherwise stated, the cover page provides the most recently available closing price on the primary exchange for the subject company's securities/instruments.

Securities are offered through Tigress Financial Partners LLC a SEC Registered Broker Dealer and a member of FINRA / MSRB / SIPC which clears its securities transactions and provides custody of client accounts on a fully disclosed basis through Pershing LLC, a subsidiary of The Bank of New York Mellon.

Securities in your account are protected up to \$500,000 of which \$250,000 can be for claims for cash awaiting reinvestment. Please note that SIPC does not protect against loss due to market fluctuation. For additional information please go to www.sipc.org.

In addition to SIPC protection, Pershing provides Tigress Financial Partners LLC client accounts coverage in excess of SIPC limits from Lloyd's of London, in conjunction with other insurance companies. The excess of SIPC coverage provides an aggregate loss limit of \$1 billion for eligible securities over all client accounts and a per-client loss limit of \$1.9 million for cash awaiting reinvestment within the aggregate loss limit of \$1 billion. The excess of SIPC coverage does not protect against loss due to market fluctuation. For additional information please go to www.lloyds.com.

Pershing's excess of SIPC coverage is provided by Lloyd's of London in conjunction with XL Specialty Insurance Co., Axis Specialty Europe Ltd., Great Lakes Reinsurance (UK) PLC and Ironshore Specialty Insurance Co.

About Tigress Financial Partners LLC

Tigress Financial Partners is a specialized financial services firm providing expertise and services in investment banking, investment research, asset management, corporate advisory and trade execution services.

Tigress Financial Partners provides its services to corporate entities, institutional investors, high-net worth individual investors, public and private pensions, federal, state and municipal governments.

Tigress Financial Partners LLC is a registered broker dealer with the Securities and Exchange Commission (SEC) and a member of the Financial Industry Regulatory Authority (FINRA), the Municipal Securities Rulemaking Board (MSRB) and the Securities Investor Protection Corporation (SIPC).

Tigress Financial Partners LLC is a Woman-Owned Business Enterprise (WBE) and is nationally certified by WBENC, the Women's Business Enterprise National Council.

Tigress Financial Partners LLC is a wholly-owned subsidiary of Tigress Holdings LLC and Gradual Holding Financeira S.A.

For further information please go to www.tigressfinancialpartners.com.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise without prior expressed permission in writing from Tigress Financial Partners LLC.

All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service of their respective

© 2015 Tigress Financial Partners LLC. All Rights reserved.

Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC Research: (646) 780-8880 research@tigressfp.com

500 Fifth Avenue New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com