

## High Yield Signals Trouble

As of December 11, 2015

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Over the past twelve months there has been a growing divergence between the performance of high yield corporate bonds and U.S. equities. Given the historically strong correlation between these two markets, we believe this divergence is a warning sign to market participants. High yield corporate bond spreads reached their tightest levels in June 2014 and have since continued to widen even though equity markets have continued to rally. What are investors to make of this unusual divergence between these two asset classes which are normally highly correlated?

With respect to high yield debt issued by U.S. corporations, the biggest concerns are companies whose fortunes have been battered by falling commodities prices. The Energy sector, approximately 15% of the high yield corporate market, is down 12.9% according to Barclays. However, this is not the only sector facing headwinds as shown by Figure 1, which illustrates how high yield spreads have continued to widen even without factoring in the energy sector.

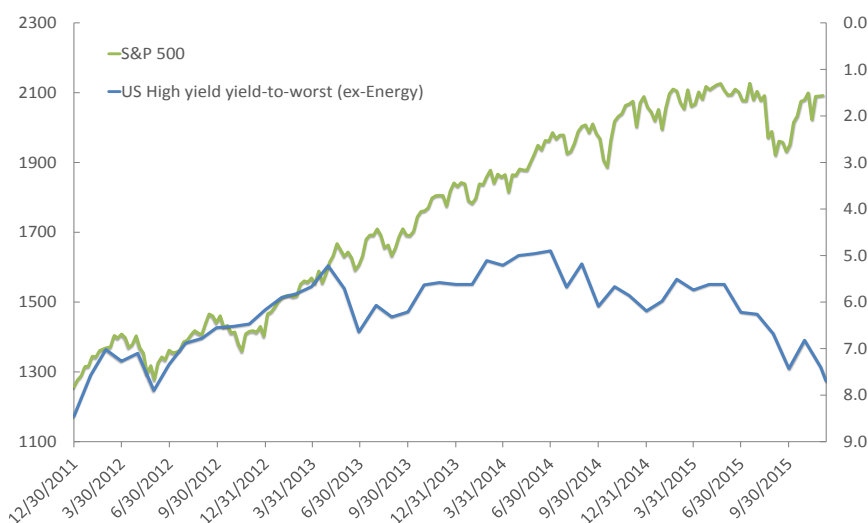
If oil remains below \$50 per barrel and earnings of non-energy companies continue to weaken, we could see defaults pick up as contagion could spread from energy to other sectors. Also, we believe that many

investors fail to appreciate the fact that the entire existence of the high yield corporate bond market has coincided with a secularly declining interest rate environment. Since the inception of the high yield corporate bond market, as we know it today, in the early 1990s, the high yield corporate bond default rate averaged approximately 4%. This creates significant uncertainty regarding what defaults could look like in a secularly rising rate environment.

The U.S. default rate, at just 2.8% in October according to Moody's, is still low, but looks set to rise given today's rapidly increasing level of distressed corporate debt. Distressed debt is typically defined as debt trading with a spread to U.S. Treasuries in excess of 1,000 basis points. The question now is how much further spreads will widen and how the market will react to a potential tightening in monetary policy. Although a tighter monetary policy cycle may just be starting, the credit cycle is much more advanced and volatility is rising. That could potentially mean a continued rough ride for high-yield corporate bonds unless economic growth picks up markedly.

While borrowing costs for all high yield corporate issuers have risen, the difference between the yield on debt rated in the CCC tier, versus better-quality borrowings with BB credit ratings, has widened to a five-year high of

**Figure 1: S&P 500 Index and U.S. High Yield Spreads (ex Energy)  
December 30, 2011 through December 4, 2015**



Source: Datastream, JP Morgan

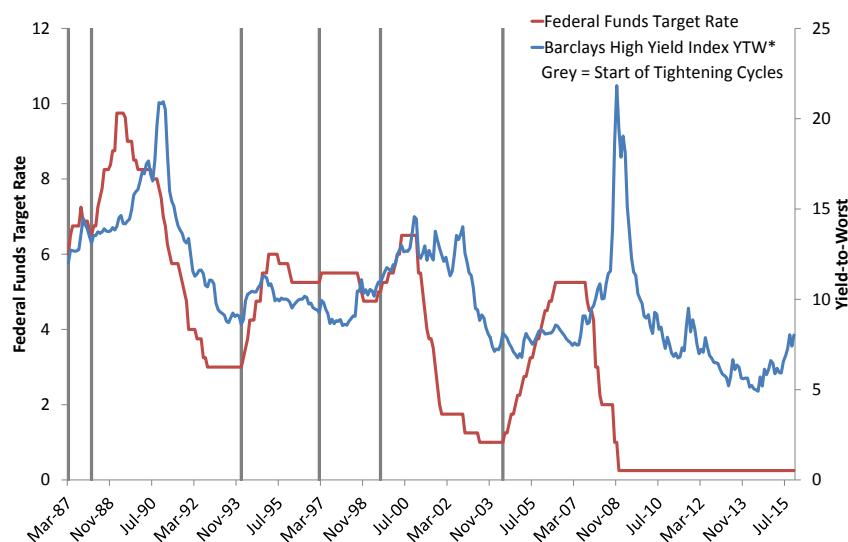
9.45% from 5.73% in March according to the Bank of America Merrill Lynch U.S. Cash Pay High Yield Index. This environment typically makes it more difficult for debt-laden companies to access capital markets. Returns have been poor in the U.S., with the Barclays U.S. High Yield Index down over 3.0% year-to-date. So even though higher yields do make the asset class more attractive to investors, but they may also reflect building headwinds.

This is not the first time high yield corporate bonds have given a sell signal. As was the case in early 2000 and late 2007, through November high yield has underperformed both investment grade corporate bonds and equities over a trailing 12-month period. If high yield corporate bonds comprise an asset class that resides between investment grade and equities in terms of volatility, then one would normally expect it to underperform either investment grade or equities, but not both.

Figure 2 provides another perspective on why one may want to strongly consider exercising caution with regard to high yield corporate bond exposure at the beginning of a tightening cycle. The graph depicts two mini-tightening cycles, represented by the end of the Federal Reserve's Quantitative Easing ("QE") program. When both QE1 and QE3 ended in early 2010 and late 2014, respectively, U.S. Treasuries proved to be better investment alternatives versus high yield bonds. In our estimation, one may want to consider reallocating out of high yield and buying U.S. Treasuries during the beginning of a tightening cycle. Support for this argument lies in lackluster global economic growth, negative corporate profit growth year-over-year, and slowing industrial production. These economic factors are not conducive to tighter monetary-policy, which could become a strong headwind for high yield bonds.

**Figure 2: High Yield Credit Spread & Fed Funds Rate**

**March 31, 1987 through November 30, 2015**



Source: Bloomberg, DoubleLine  
\*YTW = Yield-to-Worst

Due to attractive spreads and lower prices, many asset managers have increased their exposure to high yield corporate bonds, believing they have found attractive entry points. At DoubleLine, in addition to adhering to rigorous credit selection criteria and active management, we have continued to reduce high yield corporate bond exposure since June across our open-end multi-sector fixed income portfolios. We anticipate high yield bonds will remain an underweight in DoubleLine's multi-sector fixed income portfolios for the foreseeable future, especially as the probability of a Fed rate hike continues to grow. The probability for a December rate hike, as measured by the futures market, sits at 80% as of December 10, 2015. Higher Treasury rates and higher spreads to Treasuries means higher borrowing costs which would be a 'double whammy' for the high yield corporate bond market. As such, the unusual divergence between the high yield corporate bond market and equities appears poised to continue. Just because something is cheap doesn't mean it's a deal.

## Definitions

**Barclays U.S. High Yield Index** covers the universe of fixed rate, non-investment grade debt. Eurobonds and debt issuer from countries designated as emerging markets (e.g. Argentina, Brazil, Venezuela, etc.) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-EMG countries are included. Original issue zeros, step-up coupon structures, 144-As and pay-in-kind (PIK, as of October 1, 2009) are also included.

**Bank of America Merrill Lynch U.S. Cash Pay High Yield Index** tracks the performance of below investment grade corporate debt currently in a coupon paying period. Eurobonds and debt issuer from countries designated as emerging markets (e.g. Argentina, Brazil, Venezuela, etc.) are excluded, but Canadian and global bonds (SEC registered) of issuers in non-EMG countries are included. Original issue zeroes, step-up coupon structures, 144-As and pay-in-kind (PIK, as of October 1, 2009) are also included.

One cannot invest directly in an index.

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