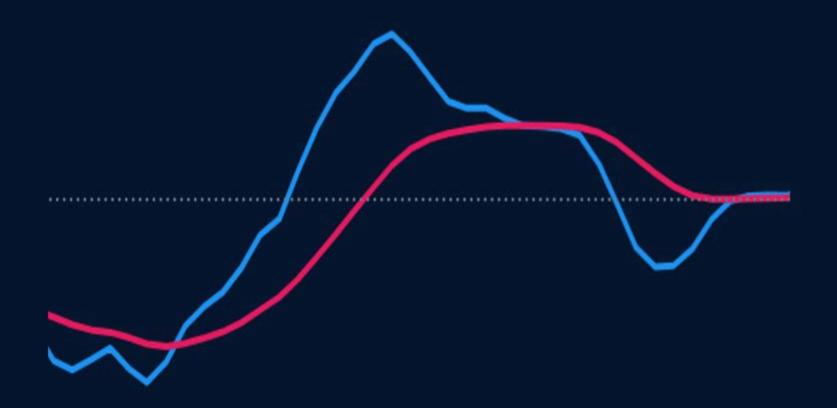
True Strength Index (TSI)

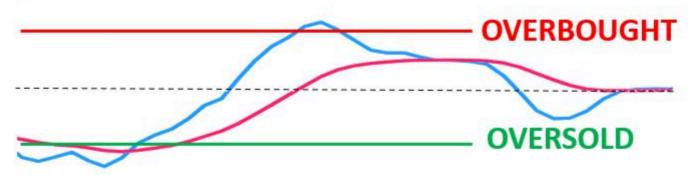




What Is the True Strength Index (TSI)?

The true strength index (TSI) is a technical momentum oscillator **used to identify trends and reversals**.

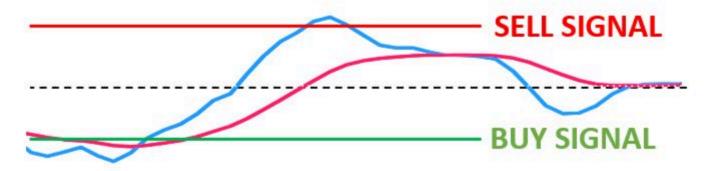
The indicator may be useful for determining overbought and oversold conditions, indicating potential trend direction changes.





KEY TAKEAWAYS

- Positive territory means the bulls are more in control of the asset.
- Negative territory means the bears are more in control.
- A signal line can be applied to the TSI indicator. When the TSI crosses above the signal line it can be used as a buy signal, and when it crosses below, a sell signal.

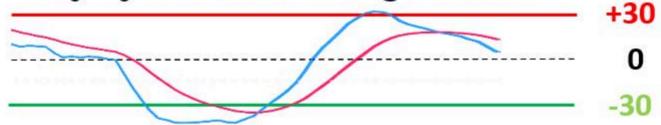




What Does the TSI Tell You?

The TSI is primarily used to **identify overbought and oversold conditions** in an asset's price.

Oversold and overbought levels will vary by the asset being traded.



Some stocks may reach **+30** and **-30** before tending to see **price reversals**, while another stock may reverse near +20 and -20.



Signal Line Crossovers

The TSI has a signal line, which is usually a seven- to 12-period EMA of the TSI line. A signal line crossover occurs when the TSI line crosses the signal line.

When the **TSI crosses above** the signal line from below, that may warrant a



When the **TSI crosses below** the signal line from above, that may warrant selling or **short selling**.



Centerline Crossovers

The centerline crossover is another signal the TSI generates.

Price momentum is:



positive when it's above zero, negative when it is below zero.

The centerline can be used for directional bias. For example, entering a long position if the indicator is above its centerline. Conversely, when its bearish and only consider short positions if the indicator's value is below zero.



Breakout and Divergence

Traders can use support and resistance levels created by the TSI to identify divergence breakouts and price momentum shifts.

If the price of an asset is moving higher while the TSI is dropping, that is called bearish divergence and could result in a downside price move.

Conversely, if the TSI is rising while the price is falling, that could signal higher prices to come. This is called bullish divergence.