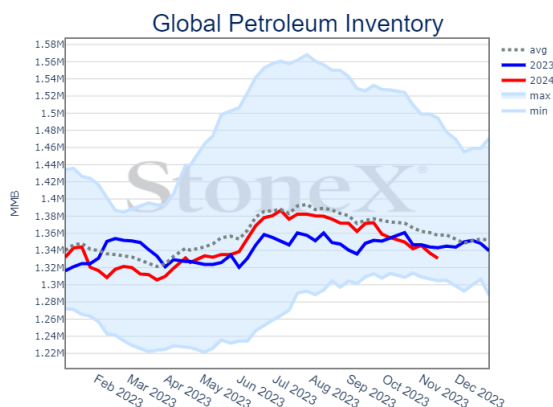


## Petroleum Post – Global Inventory Update - November 4<sup>th</sup> 2024



Drawing

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg

### Global Inventory Seasonal Percentiles (5-Year History)

Product	Singapore Inventories	ARA Inventories	U.S. Inventories	Global Inventories
Gasoline	42.6	32.8	25.7	23.1
Diesel	40.2	52.8	31.0	34.3
Total Petroleum	13.2	66.2	36.4	36.5

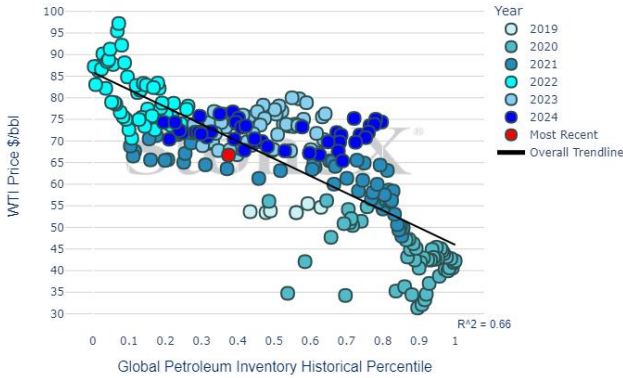
### Global Inventory Trends

Product	Singapore Inventories	ARA Inventories	U.S. Inventories	Global Inventories
Gasoline	Drawing	Drawing	Building	Drawing
Diesel	Drawing	Building	Drawing	Drawing
Total Petroleum	Drawing	Building	Drawing	Drawing

- Global petroleum inventories (includes crude and all refined products in major hubs) were down on the week with gasoline inventories dropping substantially in the U.S. Inventories are tightest in Singapore, likely due to tight heavier product inventories like fuel oil.
- Inventories are continuing their drawing trend across the globe but European inventories are building.
- Current high frequency inventory data predicts that OECD inventories .49 Mbbd higher than the EIA STEO predictions in October of 2024. High frequency inventories have continuously come in higher than expectations and adjusted our WTI forecast for Q4 from \$73/bbl to \$72/bbl.**

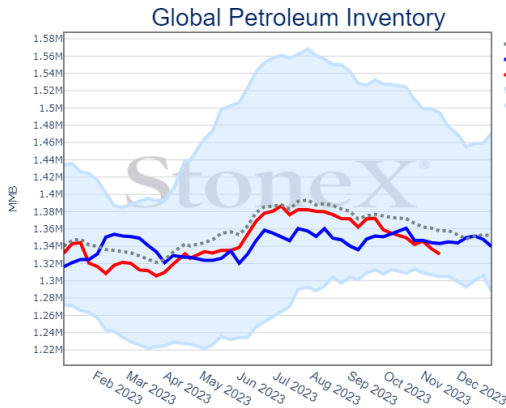
## Global Total Petroleum Inventories

Global Petroleum Inventory vs WTI Price 13 Mo Out



- Global total petroleum inventories are at their 39<sup>th</sup> percentile historically (not seasonally adjusted). When comparing inventory percentile to WTI price 13 months out (chart to the left), prices are modeled at \$73/bbl in the front month. **Indicating current prices are under valued when compared to inventories.**

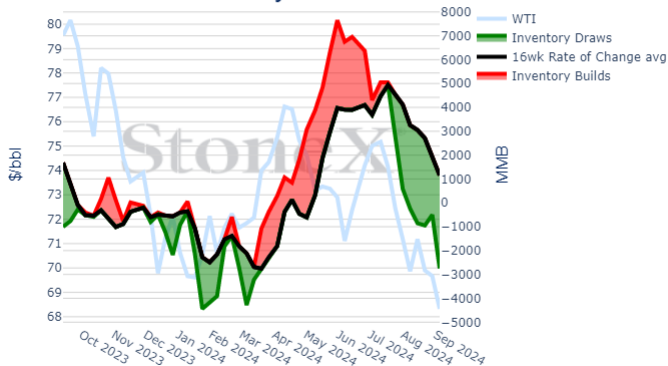
Source: EIA, International Enterprise Singapore, PJK International, Bloomberg



- Global petroleum inventories are very close to the 5-year seasonal average (-21 Mmb), but this gap has been expanding in recent weeks. Year-to-date inventories are at an overall net draw and at their lowest level since 2021.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg

Petroleum Inventory - Build/Draw Rates

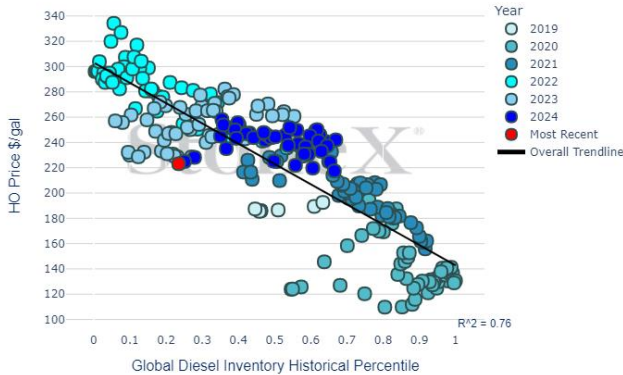


- Global inventories remain in a drawing phase and is expected to continue. Draws usually stay around current levels until the end of the year.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg

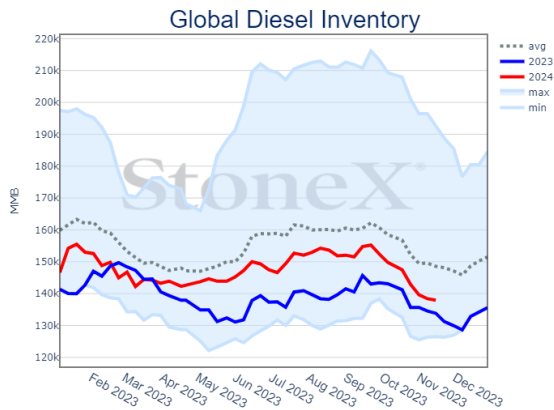
## Global Diesel Inventories

Global Diesel Inventory vs HO Price 13 Mo Out



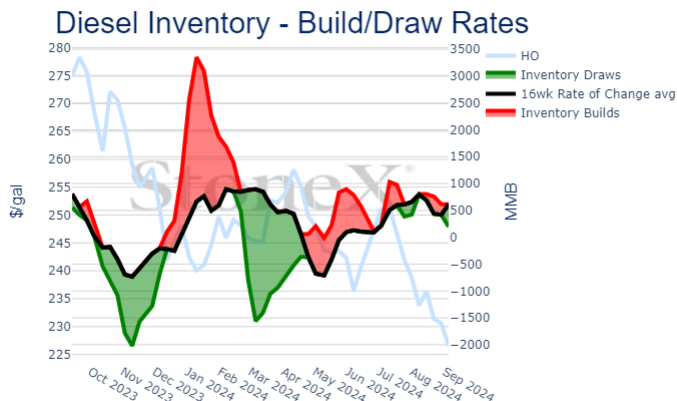
- Global total diesel inventories are slightly above their 5-year average (23<sup>rd</sup> percentile) (not seasonally adjusted). When comparing inventory percentile to HO price 13 months out (chart to the left), front month prices are modeled at \$2.58/gal. **Indicating current prices are under valued when compared to inventories.**

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg



- Global diesel inventories are qq Mb below their 5-year seasonal average which is slightly larger than last week's deficit. Year-to-date diesel inventories are now in line with 2023 levels and have drawn down by the fewest amounts since 2020. Even though inventories are tight, the trajectory of inventories points to a well-supplied market.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg

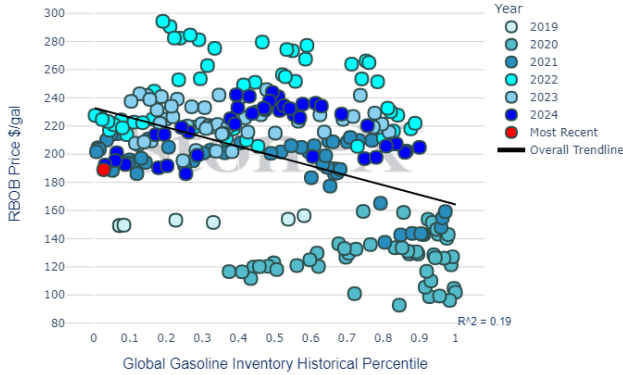


- Global diesel inventories are in a drawing phase and have likely passed their peak draw of the year. Inventories will continue to draw but the draws should be smaller and flip to builds at the end of December.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg

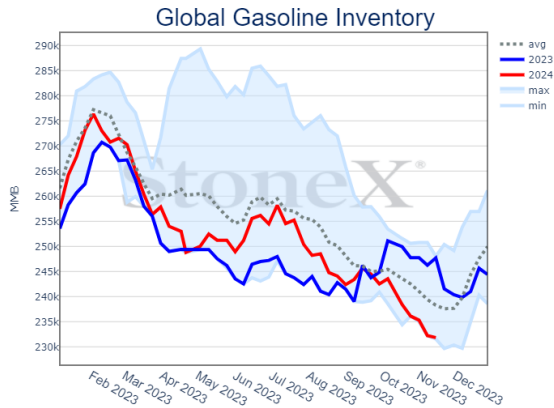
## Global Gasoline Inventories

### Global Gasoline Inventory vs RBOB Price 13 Mo Out



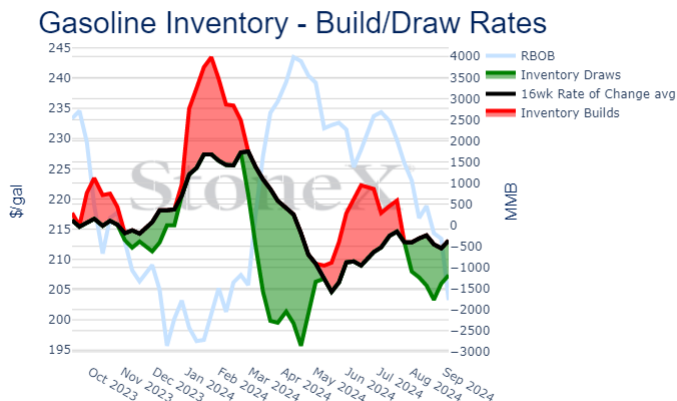
- Global total gasoline inventories are below their 5-year average (7<sup>th</sup> percentile not seasonally adjusted). When comparing inventory percentile to RBOB price 13 months out (chart to the left), front month prices are modeled at \$2.34/gal. **Indicating current prices are undervalued when compared to inventories.**

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg



- Global gasoline inventories are 7 Mb below the 5-year seasonal average and at the lowest level seasonally since 2019. Inventory levels are near their 5-year seasonal low but draws will likely begin to narrow.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg



- Global gasoline inventories are in a drawing phase, but these draws should shrink and turn into builds in December.

Source: EIA, International Enterprise Singapore, PJK International, Bloomberg