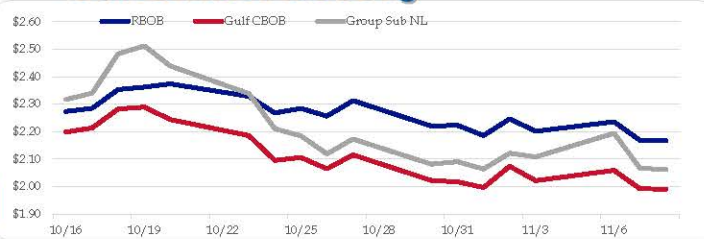


**Gasoline**

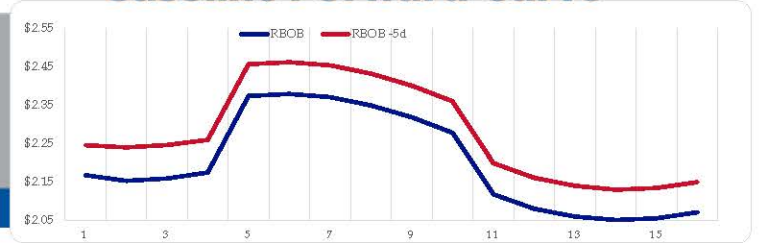
	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	LA Basis
11/8	\$2.1662	<b>-\$0.0015</b>	\$1.9904	<b>-\$0.0012</b>	\$2.0615	<b>-\$0.0050</b>	\$ (0.1764)	\$ (0.1051)	\$ 0.4195
11/7	\$2.1677	<b>-\$0.0682</b>	\$1.9916	<b>-\$0.0670</b>	\$2.0665	<b>-\$0.1272</b>	\$ (0.1762)	\$ (0.1013)	\$ 0.4210
11/6	\$2.2359	<b>\$0.0349</b>	\$2.0586	<b>\$0.0373</b>	\$2.1936	<b>\$0.0855</b>	\$ (0.1773)	\$ (0.0423)	\$ 0.4060
11/3	\$2.2010	<b>-\$0.0450</b>	\$2.0213	<b>-\$0.0520</b>	\$2.1081	<b>-\$0.0132</b>	\$ (0.1797)	\$ (0.0929)	\$ 0.3360
11/2	\$2.2460	<b>\$0.0605</b>	\$2.0733	<b>\$0.0771</b>	\$2.1213	<b>\$0.0578</b>	\$ (0.1727)	\$ (0.1247)	\$ 0.2895
11/1	\$2.1855	<b>-\$0.0372</b>	\$1.9963	<b>-\$0.0205</b>	\$2.0635	<b>-\$0.0265</b>	\$ (0.1893)	\$ (0.1220)	\$ 0.2397
10/31	\$2.2227	<b>\$0.0027</b>	\$2.0168	<b>-\$0.0048</b>	\$2.0900	<b>\$0.0086</b>	\$ (0.2059)	\$ (0.1327)	\$ 0.2342
10/30	\$2.2200	<b>-\$0.0925</b>	\$2.0216	<b>-\$0.0934</b>	\$2.0815	<b>-\$0.0913</b>	\$ (0.1984)	\$ (0.1386)	\$ 0.2386

RBOB Technicals		
Indicator	Direction	Resistance
MACD	Neutral	2.9936 2023 High
Stochastics	Oversold	2.7703 Sep High
RSI	Neutral	2.1527 2023 Low
ADX	Bearish	2.0204 Dec 2022 Low
Momentum	Bullish	
Bias:	Neutral	

**Gasoline History**



**Gasoline Forward Curve**



**Diesel**

	ULSD (HO)	Change	Gulf ULSD	Change	Group ULSD	Change	Gulf Basis	Group Basis	LA Basis
11/8	\$2.8033	<b>-\$0.0351</b>	\$2.6849	<b>-\$0.0351</b>	\$2.6839	<b>-\$0.0349</b>	\$ (0.1195)	\$ (0.1196)	\$ 0.3005
11/7	\$2.8384	<b>-\$0.1140</b>	\$2.7195	<b>-\$0.1258</b>	\$2.7188	<b>-\$0.0990</b>	\$ (0.1190)	\$ (0.1196)	\$ 0.2995
11/6	\$2.9524	<b>\$0.0286</b>	\$2.8452	<b>\$0.0104</b>	\$2.8178	<b>\$0.0375</b>	\$ (0.1072)	\$ (0.1346)	\$ 0.2045
11/3	\$2.9238	<b>-\$0.1017</b>	\$2.8348	<b>-\$0.1079</b>	\$2.7803	<b>-\$0.1241</b>	\$ (0.0890)	\$ (0.1435)	\$ 0.1445
11/2	\$3.0255	<b>\$0.0640</b>	\$2.9427	<b>\$0.0584</b>	\$2.9044	<b>\$0.0439</b>	\$ (0.0829)	\$ (0.1212)	\$ 0.1645
11/1	\$2.9615	<b>-\$0.0295</b>	\$2.8843	<b>\$0.0362</b>	\$2.8605	<b>\$0.0025</b>	\$ (0.0772)	\$ (0.1011)	\$ 0.1195
10/31	\$2.9910	<b>\$0.0247</b>	\$2.8481	<b>\$0.0379</b>	\$2.8580	<b>-\$0.0488</b>	\$ (0.1429)	\$ (0.1330)	\$ 0.0385
10/30	\$2.9663	<b>-\$0.0856</b>	\$2.8102	<b>-\$0.0826</b>	\$2.9068	<b>-\$0.1179</b>			

HO Technicals		
Indicator	Direction	Resistance
MACD	Neutral	3.5800 2003 High
Stochastics	Bearish	3.5092 Sep High
RSI	Oversold	2.8336 Oct Low
ADX	Bearish	2.1500 2023 low
Momentum	Bearish	
Bias:	Neutral	

**Diesel History**



**Diesel Forward Curve**



**Crude**

	WTI	Change	Brent	Change
11/8	\$76.92	<b>-\$0.45</b>	\$80.98	<b>-\$0.63</b>
11/7	\$77.37	<b>-\$3.45</b>	\$81.61	<b>-\$3.57</b>
11/6	\$80.82	<b>\$0.31</b>	\$85.18	<b>\$0.29</b>
11/3	\$80.51	<b>-\$1.95</b>	\$84.89	<b>-\$1.96</b>
11/2	\$82.46	<b>\$2.02</b>	\$86.85	<b>-\$0.56</b>
CPL space	Line 1 0.1063	Change <b>\$0.0013</b>	Line 2 <b>\$0.0405</b>	Change <b>\$0.0137</b>

**Refinery Margins**

Vs WTI					Vs Brent				Group / WCS
	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	3/2/1
11/8	\$6.28	\$36.85	\$16.47	\$18.50	\$2.04	\$32.61	\$12.23	\$14.26	\$ 27.10
11/7	\$5.64	\$38.68	\$16.65	\$18.86	\$1.28	\$34.32	\$12.29	\$14.50	\$ 32.05
11/6	\$4.38	\$38.55	\$15.77	\$18.05	\$0.00	\$34.17	\$11.39	\$13.67	\$ 29.44
11/3	\$4.62	\$41.13	\$16.79	\$19.22	\$0.23	\$36.74	\$12.40	\$14.83	\$ 29.60
11/2	\$3.40	\$40.70	\$15.83	\$18.32	-\$3.57	\$33.73	\$8.86	\$11.35	\$ 29.38

**RINs and Price Drivers**

Current Year Biodiesel RINs			Current Year Ethanol RINs		
	Settle	Net Change		Settle	Net Change
	0.8020	<b>-0.002</b>		0.7975	<b>-0.006</b>
Price Drivers			Price Drivers		
Soybeans	1348.75	<b>16.000</b>	Ethanol	1.86	<b>-0.052</b>
Soybean Oil	49.49	<b>-0.010</b>	Com	468.50	<b>4.000</b>
BOHO Spread	0.873		Com Crush	0.184	
Soy Crush	540.75		RVO Estimate		
			Per Gallon	\$ 0.1030	\$ (0.0010)
			Per Barrel	\$ 4.33	\$ (0.04)

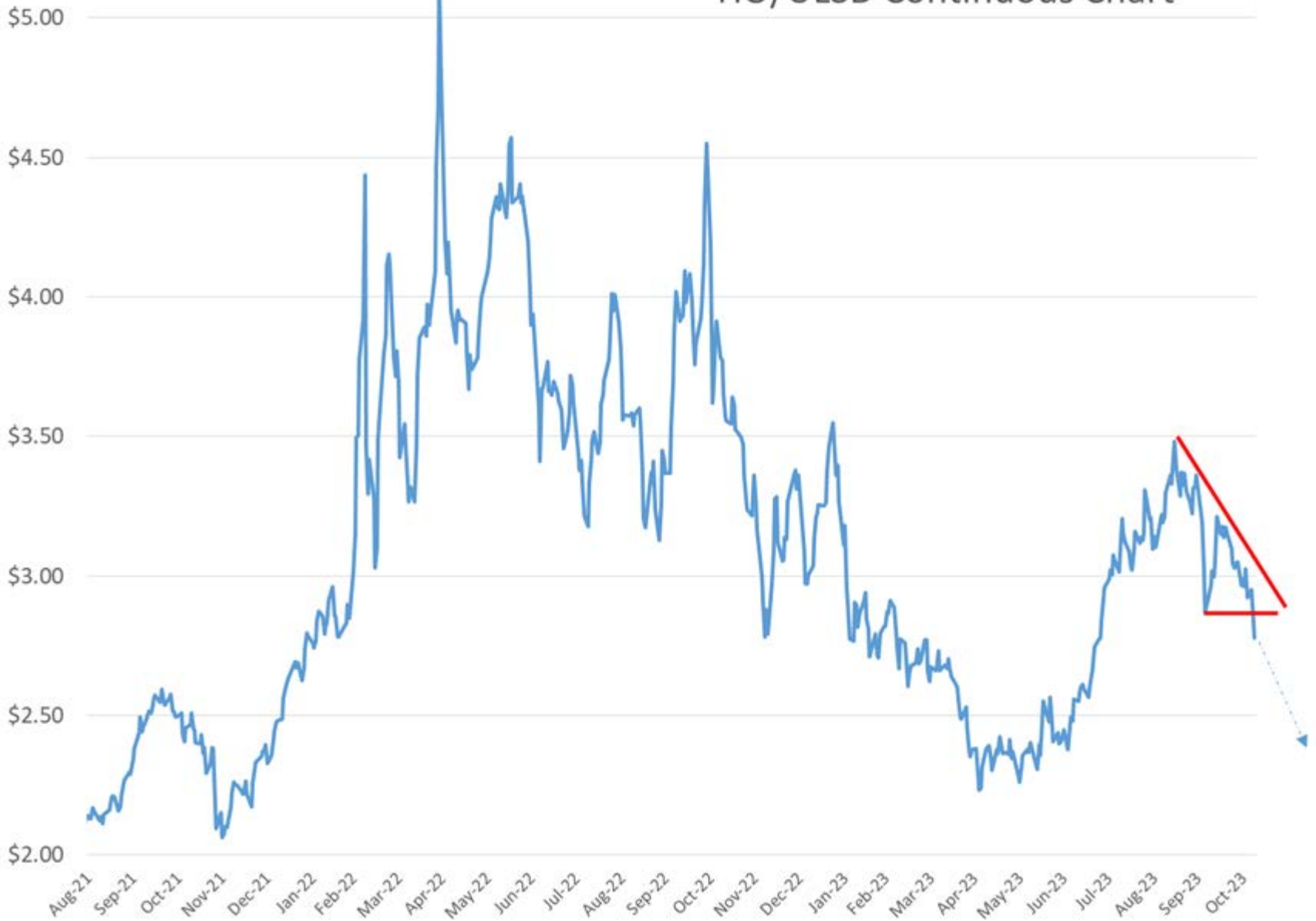
**Economic Indicators**

**Commodity Futures**

	Settle	Change		Settle	Change
S&P 500 Futures	4,398	<b>1.75</b>	US NatGas	3.264	<b>-0.124</b>
DJIA	34,153	<b>56.74</b>	TTF NatGas	14.45	<b>0.3</b>
EUR/USD	1.0698	<b>-0.0031</b>	Gold	1,967	<b>-4.9</b>
USD Index	105.37	<b>0.28</b>	Silver	22.51	<b>0.1</b>
US 10 YR YIELD	4.58%	<b>-0.09</b>	Copper	392.50	<b>2.500</b>
US 2 YR YIELD	4.91%	<b>-0.02</b>	FCO J	1348.75	<b>16.00</b>
Oil Volatility Index	36.31	<b>2.41</b>	Wheat	570.25	<b>7.00</b>
S&P Volatility Index (VIX)	14.89	<b>-0.08</b>	Butane	0.838	<b>-0.017</b>
Nikkei 225 Index	32,495	<b>-160.00</b>	Propane	0.635	<b>-0.013</b>
			Bitcoin	36,145	<b>-540</b>

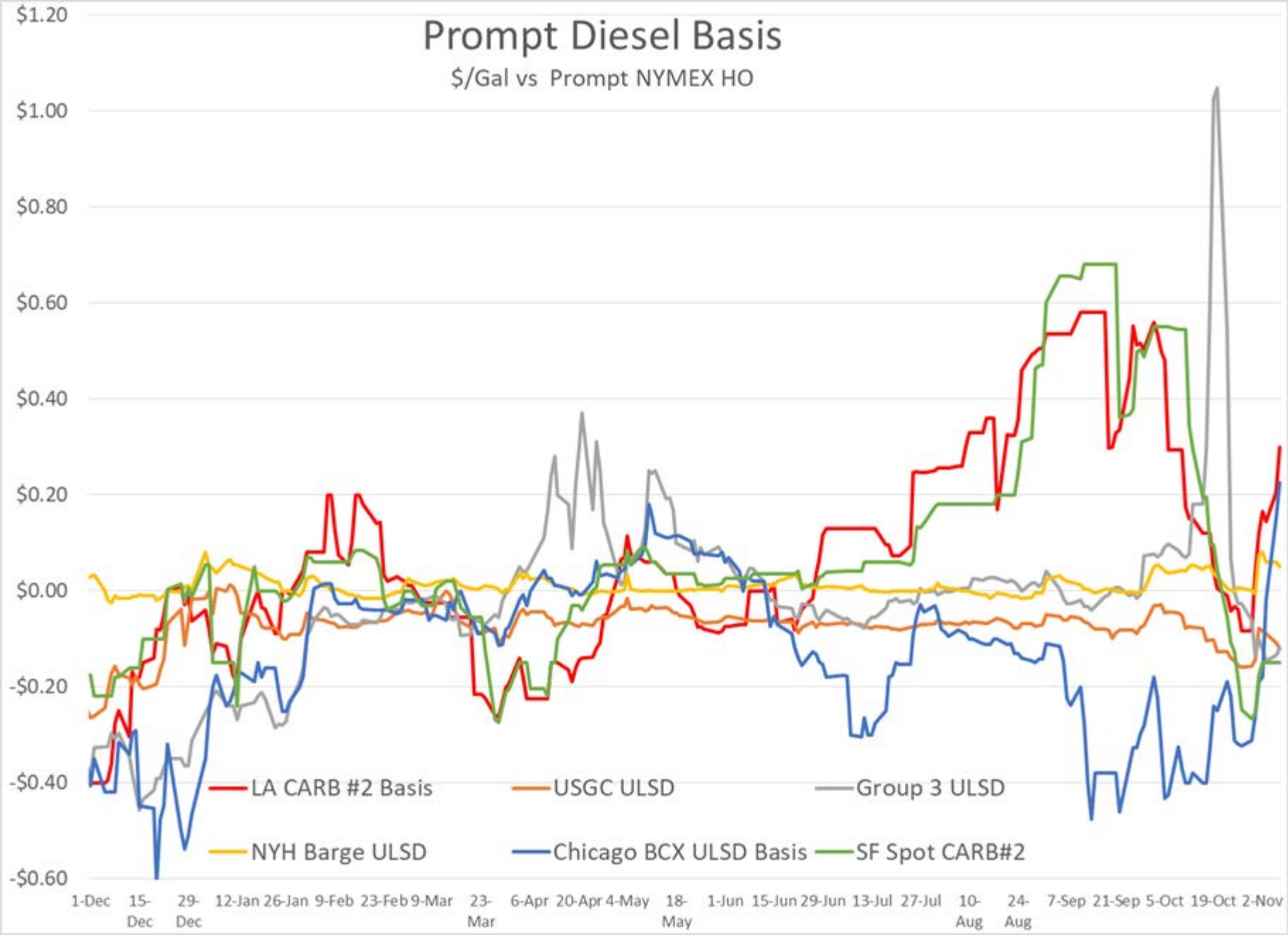
\*SOURCES: Nymex, CBOT, NYSE, ICE, NASDAQ, CME Group, CBOE. Prices delayed.

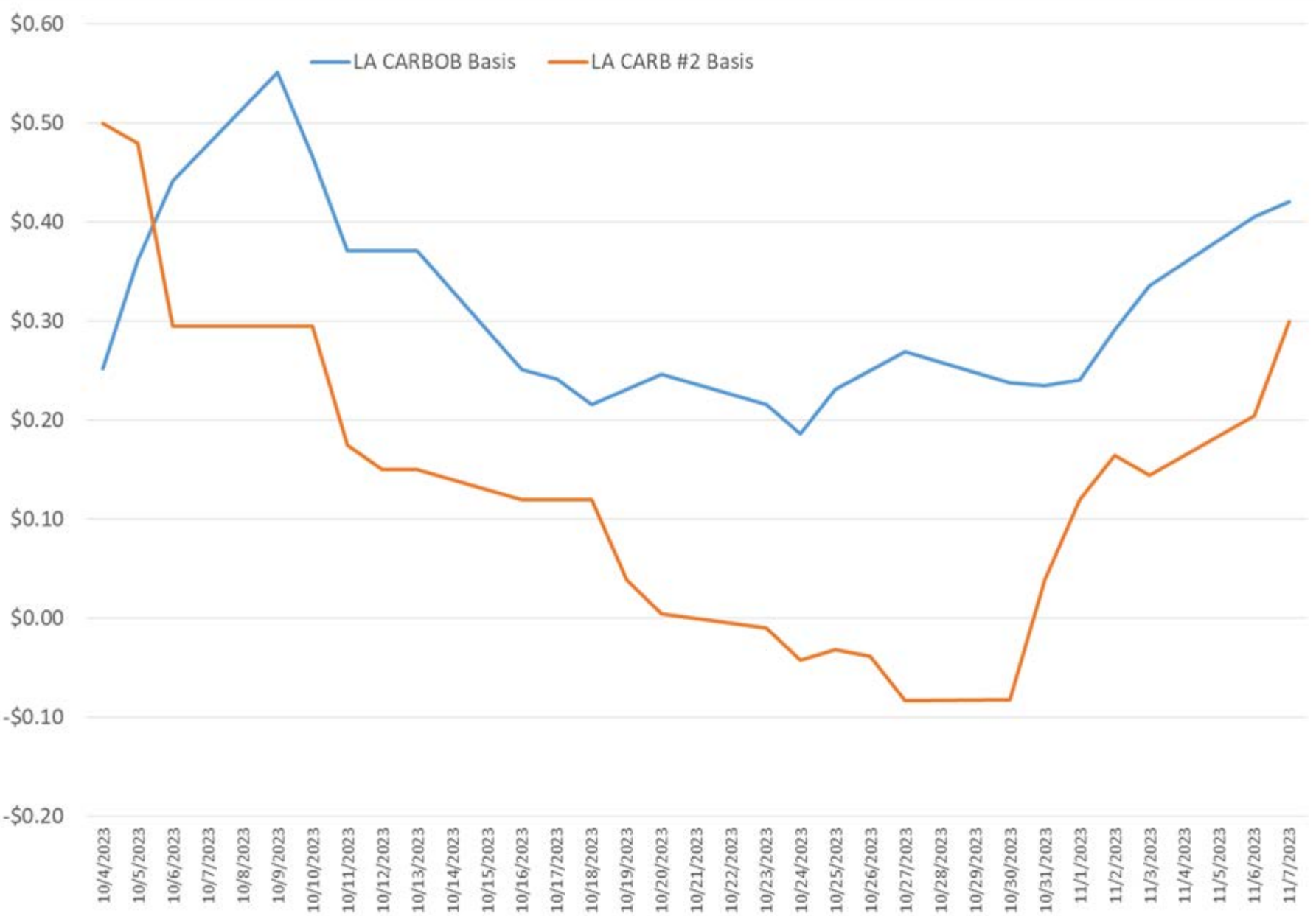
# HO/ULSD Continuous Chart



# Prompt Diesel Basis

\$/Gal vs Prompt NYMEX HO



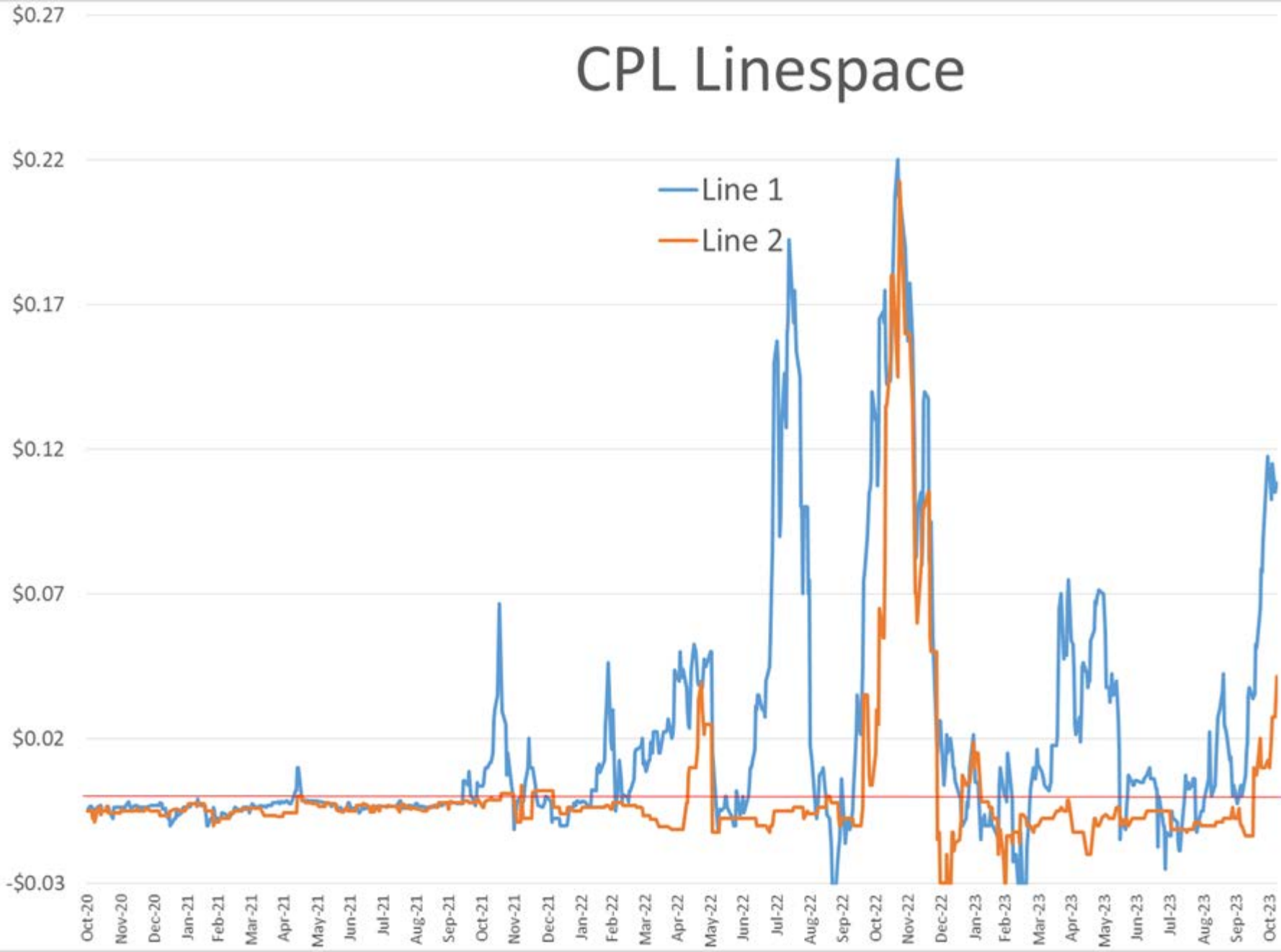


# Spot Diesel Pricing

USGC | ULSD Futures | LA CARB #2 | Group 3 | San Fran CARB #2 | NYH Barge #2 | Chicago

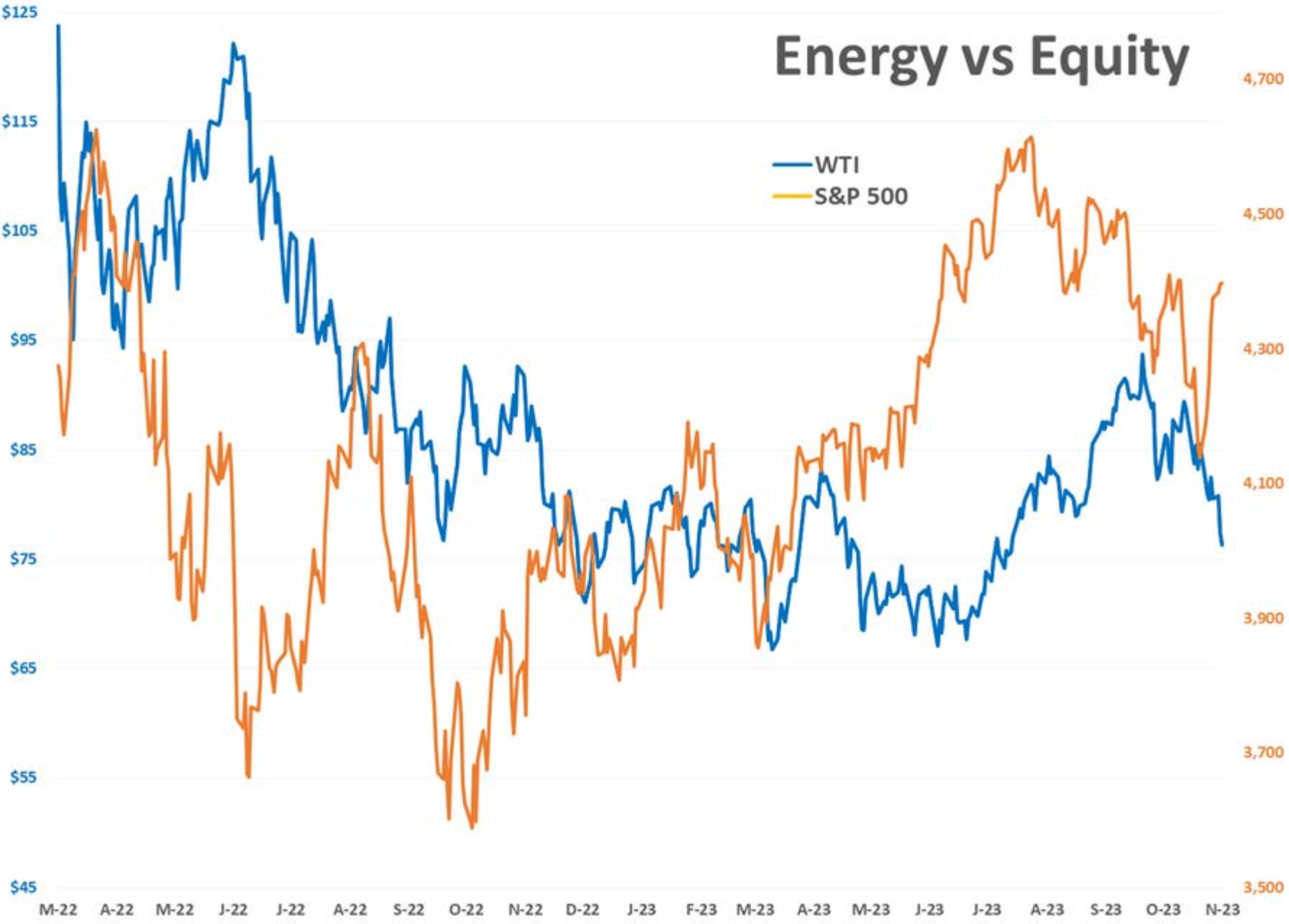


# CPL Linespace

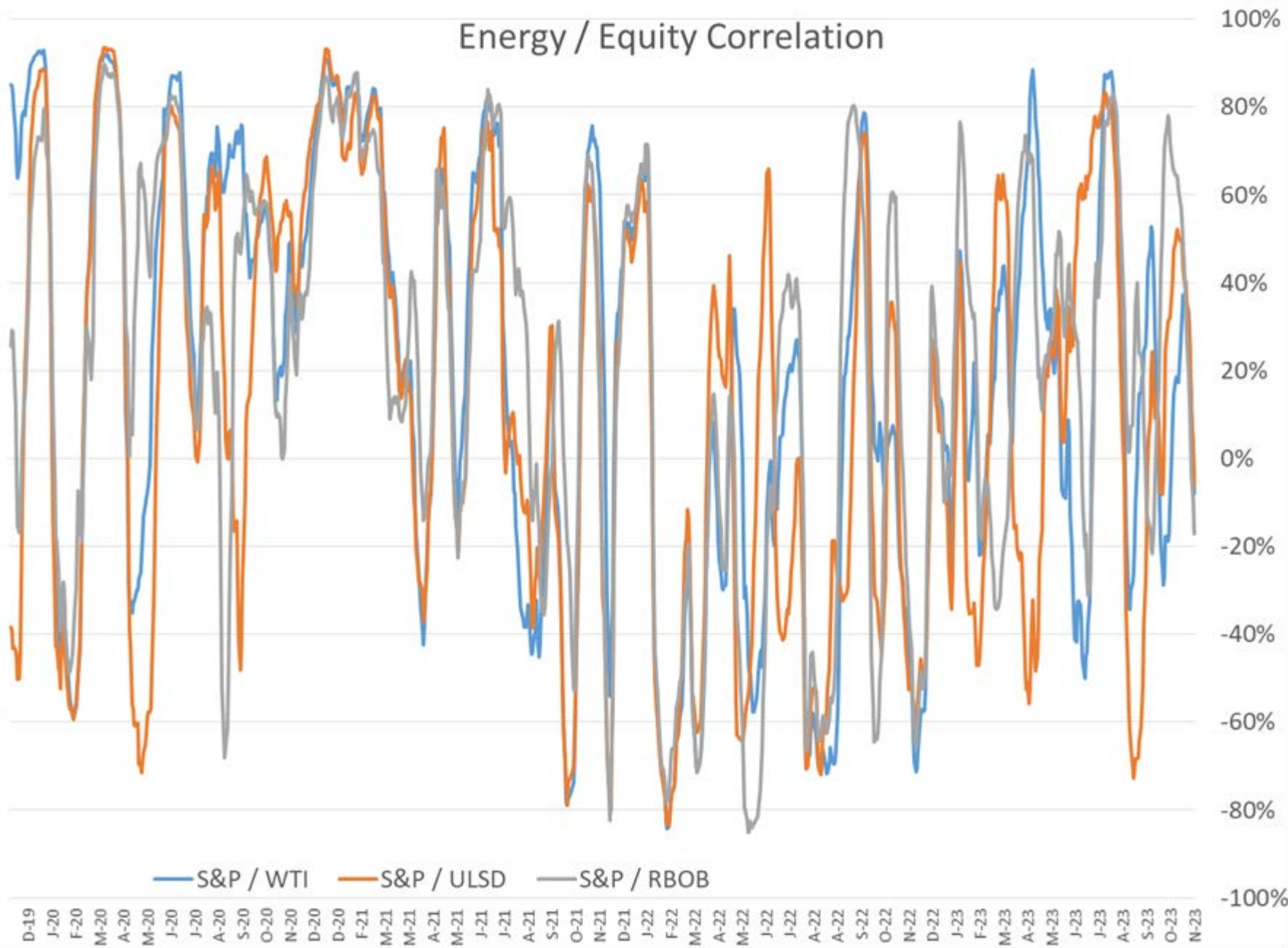


# Energy vs Equity

WTI  
S&P 500

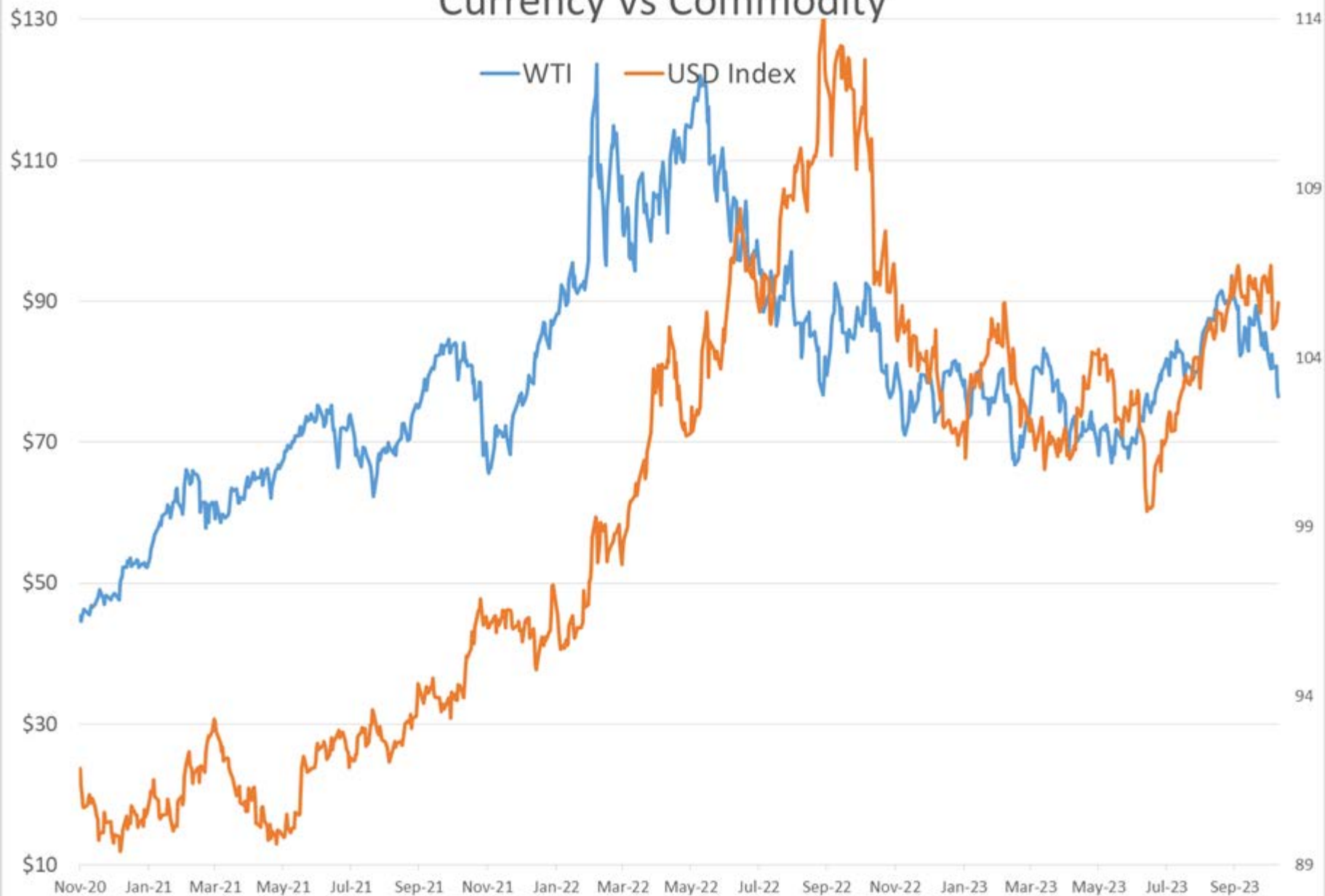


# Energy / Equity Correlation

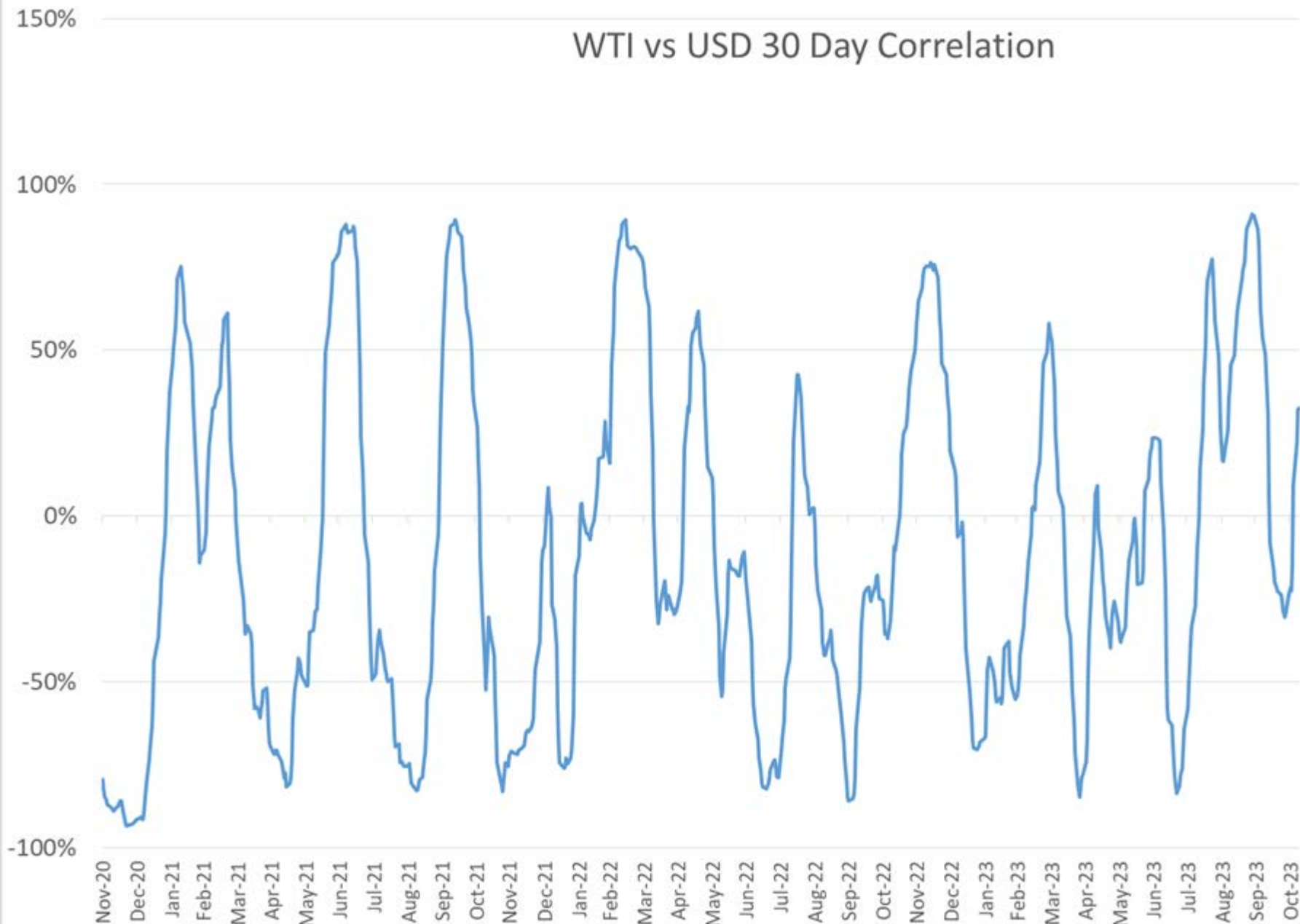




# Currency vs Commodity



# WTI vs USD 30 Day Correlation



# 2023 TROPICAL TRACKS

ATLANTIC BASIN

NAMED STORMS

TROPICAL STORM

HURRICANE

MAJOR HURRICANE

