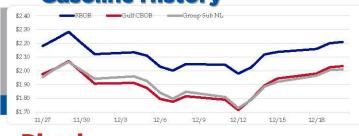




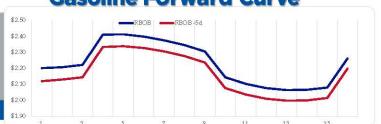
Gasoline

	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	G	ulf Basis	Gr	oup Basis	L	A Basis	RBOB Techi	nicals		
12/20	\$2.2100	\$0.0092	\$2.0342	\$0.0095	\$2.0097	\$0.0057	\$	(0.1764)	\$	(0.2007)	\$	0.0195	Indicator	Direction	Resistance	
12/19	\$2.2008	\$0.0418	\$2.0247	\$0.0455	\$2.0040	\$0.0398	\$	(0.1762)	\$	(0.1969)	\$	0.0210	MACD	Bearish	2.7703	Sep High
12/18	\$2,1590	\$0.0220	\$1.9792	\$0.0357	\$1.9642	\$0.0451	\$	(0.1798)	\$	(0.1948)	\$	0.0210	Stochastics	Oversold	2.2163	Dec High
12/15	\$2.1370	\$0.0182	\$1.9436	\$0.0512	\$1.9191	\$0.0350	\$	(0.1935)	\$	(0.2179)	\$	0.0210	RSI	Oversold	1.9980	2023 Low
12/14	\$2.1188	\$0.0939	\$1.8924	\$0.1005	\$1.8841	\$0.0962	\$	(0.2265)	\$	(0.2347)	\$	0.0345	ADX	Bullish	2.0204	Dec 2022 Low
12/13	\$2.0249	\$0.0452	\$1.7919	\$0.0777	\$1.7879	\$0.0593	\$	(0.2330)	\$	(0.2370)	\$	0.0947	Momentum	Bearish	Support	
12/12	\$1.9797	-\$0.0634	\$1.7142	-\$0.0750	\$1.7287	-\$0.0797	\$	(0.2655)	\$	(0.2511)	\$	0.0746	Bias:	Neutral		
12/11	\$2.0431	-\$0.0067	\$1.7892	-\$0.0255	\$1.8083	-\$0.0392	\$	(0.2540)	\$	(0.2348)	\$	0.0993				

Gasoline History



Gasoline Forward Curve



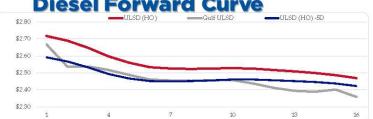
Diesel

	ULSD (HO)	Change	Gulf ULSD	Change	Group ULSD	Change	G	ulf Basis	Gr	oup Basis	L	A Basis	HO Technic	als		
12/20	\$2.7571	\$0.0403	\$2.5774	\$0.0403	\$2.5402	\$0.0405	\$	(0.1807)	\$	(0.2171)	\$	0.0731	Indicator	Direction	Resistance	
12/19	\$2.7168	\$0.0440	\$2.5366	\$0.0672	\$2.4997	\$0.0465	\$	(0.1802)	\$	(0.2171)	\$	0.0721	MACD	Neutral	3.5092	Sep High
12/18	\$2.6728	\$0.0520	\$2.4694	\$0.0806	\$2.4532	\$0.0309	\$	(0.2035)	\$	(0.2196)	\$	0.0776	Stochastics	Bullish	2.7617	Dec High
12/15	\$2.6208	\$0.0295	\$2.3888	\$0.0379	\$2.4223	\$0.0684	\$	(0.2320)	\$	(0.1985)	\$	(0.0705)	RSI	Neutral	2.4840	Dec Low
12/14	\$2.5913	\$0.0432	\$2.3510	\$0.0326	\$2.3539	\$0.0656	\$	(0.2404)	\$	(0.2374)	\$	(0.0705)	ADX	Bullish	2.3750	July Low
12/13	\$2.5481	\$0.0407	\$2.3184	\$0.1399	\$2.2883	\$0.0579	\$	(0.2298)	\$	(0.2598)	\$	(0.0005)	Momentum	Neutral	Support	
12/12	\$2.5074	-\$0.1013	\$2.1785	-\$0.0230	\$2.2304	-\$0.0738	\$	(0.3289)	\$	(0.2770)	\$	0.0095	Bias:	Neutral		
12/11	\$2.6087	\$0.0277	\$2.2015	-\$0.0511	\$2.3042	\$0.0329										

Diesel History



Diesel Forward Curve



Crude

Refinery Margins

					_								
WTI	Change	Brent	Change		Vs V	/TI	===		Vs Bi	rent		Gro	up / WCS
\$75.06	\$1.62	\$80.23	\$1.00	Gulf Gas	Gulf Diesel	3 <i>1</i> 2/1	5/3/2	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	;	3 <i>1</i> 2/1
\$73.44	\$0.97	\$79.23	\$1.28	\$11.60	\$33.10	\$18.76	\$20.20	\$5.81	\$27.31	\$12.97	\$14.41	\$	30.64
\$72.47	\$1.04	\$77.95	\$1.40	\$10.66	\$31.24	\$17.52	\$18.89	\$5.18	\$25.76	\$12.04	\$13.41	\$	28.87
\$71.43	-\$0.15	\$76.55	-\$0.06	\$10.20	\$28.90	\$16.43	\$17.68	\$5.08	\$23.78	\$11.31	\$12.56	\$	28.22
\$71.58	\$2.11	\$76.61	\$3.37	\$7.90	\$27.16	\$14.32	\$15.60	\$2.87	\$22.13	\$9.29	\$10.57	\$	26.13
Line 1	Change	Line 2	Change	\$5.79	\$27.90	\$13.16	\$14.63	\$2.02	\$24.13	\$9.39	\$10.86	\$	24.63
	\$75.06 \$73.44 \$72.47 \$71.43 \$71.58	\$75.06 \$1.62 \$73.44 \$0.97 \$72.47 \$1.04 \$71.43 -\$0.15 \$71.58 \$2.11 Line 1 Change	\$75.06	\$75.06	\$75.06	WTI change Brent change Vs V \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$71.43 -\$0.15 \$76.55 -\$0.06 \$10.20 \$28.90 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 Line 1 Change Line 2 Change \$5.79 \$27.90	WTI change Brent change Vs WTI \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 32/1 \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$18.76 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$17.52 \$71.43 -\$0.15 \$76.55 -\$0.06 \$10.20 \$28.90 \$16.43 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 \$14.32 Line 1 Change Line 2 Change \$5.79 \$27.90 \$13.16	\$75.06	WTI change Brent change Vs WT/ \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 32/1 5/3/2 Gulf Gas \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$18.76 \$20.20 \$5.81 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$17.52 \$18.89 \$5.18 \$71.43 \$0.15 \$76.55 \$0.06 \$10.20 \$28.90 \$16.43 \$17.68 \$5.08 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 \$14.32 \$15.60 \$2.87 Line 1 Change Line 2 Change \$5.79 \$27.90 \$13.16 \$14.63 \$2.02	WTI Change Brent Change Vs WTI Vs Bit \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 32/1 5/3/2 Gulf Gas Gulf Diesel \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$18.76 \$20.20 \$5.81 \$27.31 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$17.52 \$18.89 \$5.18 \$25.76 \$71.43 \$0.15 \$76.55 \$0.06 \$10.20 \$28.90 \$16.43 \$17.68 \$5.08 \$23.78 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 \$14.32 \$15.60 \$2.87 \$22.13 Line 1 Change Line 2 Change \$5.79 \$27.90 \$13.16 \$14.63 \$2.02 \$24.13	WTI Change Brent Change Vs WTI Vs Brent \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 3/2/1 5/3/2 Gulf Gas Gulf Diesel 3/2/1 \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$18.76 \$20.20 \$5.81 \$27.31 \$12.97 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$17.52 \$18.89 \$5.18 \$25.76 \$12.04 \$71.43 \$0.15 \$76.55 \$0.06 \$10.20 \$28.90 \$16.43 \$17.68 \$5.08 \$23.78 \$11.31 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 \$14.32 \$15.60 \$2.87 \$22.13 \$9.29 Line 1 Change Line 2 Change \$5.79 \$27.90 \$13.16 \$14.63 \$2.02 \$24.13 \$9.39	WTI change Brent change Vs WTI Vs Brent \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 32/1 5/3/2 Gulf Gas Gulf Diesel 3/2/1 5/3/2 \$73.44 \$0.97 \$79.23 \$1.28 \$11.60 \$33.10 \$18.76 \$20.20 \$5.81 \$27.31 \$12.97 \$14.41 \$72.47 \$1.04 \$77.95 \$1.40 \$10.66 \$31.24 \$17.52 \$18.89 \$5.18 \$25.76 \$12.04 \$13.41 \$71.43 -\$0.15 \$76.55 -\$0.06 \$10.20 \$28.90 \$16.43 \$17.68 \$5.08 \$23.78 \$11.31 \$12.56 \$71.58 \$2.11 \$76.61 \$3.37 \$7.90 \$27.16 \$14.32 \$15.60 \$2.87 \$22.13 \$9.29 \$10.57 Line 1 Change Line 2 Change \$5.79 \$27.90 \$13.16 \$14.63 \$2.02 \$24.13 \$9.39 \$10.86	WTI Change Brent Change Vs WTI Vs Brent Gro \$75.06 \$1.62 \$80.23 \$1.00 Gulf Gas Gulf Diesel 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 5/3/2 3/2/1 3/2/1 5/3/2 3/2/1 3/2/2 3/2/1 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2 3/2/2

Economic Indicators Commodity Futures

1 Wk Chang	Change	Settle		Change	Settle	
0.061		2.492	US NatGas	-11.25	4,809	S&P 500 Futures
-0.9	-0.9	10.50	TTF NatGas	251.90	37,558	DJIA
				-0.0022	1.0990	EUR/USD
56.1		2,038	Gold	0.11	101.80	USD Index
1.4	0.0	24.04	Silver	-0.02	3.93%	US 10 YR YIELD
0.110	-5.300	364.20	Copper	-0.02	4.41%	US 2 YR YIELD
	2.25	1312.50	FCOJ	-2.05	37.09	Oil Volatility Index
	-1.25	622.75	Wheat	-0.03	12.56	S&P Volatiliy Index (VIX)
0.023	0.003	1.052	Butane	170.00	33,395	Nikkei 225 Index
0.007	0.002	0.668	Propane			
	1,385	42,935	Bitcoin			

RINs and Price Drivers

Current Year Bi	odiesel RINs	3	Current Year Ethanol RINs						
	Settle 0.8220	Net Change 0.000		Settle 0.8210	Net Change 0.000				
Price Drivers	Settle	Net Change	Price Drivers	Settle	Net Change				
Soybeans	1312.50	2.250	Ethanol	1.60	-0.040				
Soybean Oil	50.73	0.010	Com	472.75	1.000				
			Com Crush	-0.089					
BOHO Spread	1.088								
Soy Crush	553.78		RVO Estimate Per Gallon	\$ 0.1020	\$ -				
8074			Per Barrel	\$ 4.28	\$ -				

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

