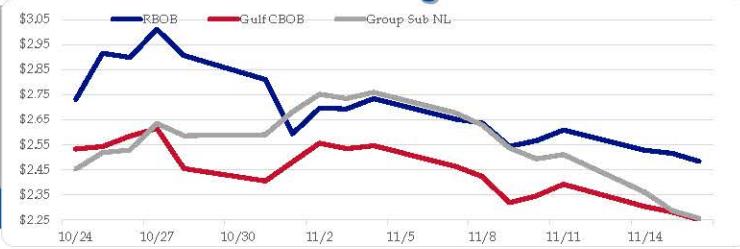


Gasoline

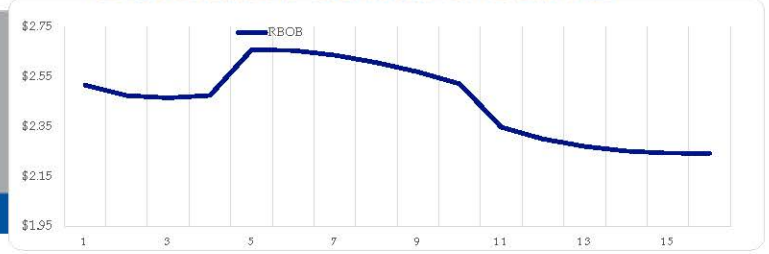
	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	LA Basis
11/16	\$2.4842	-\$0.0319	\$2.2511	-\$0.0314	\$2.2562	-\$0.0317	\$(0.2336)	\$(0.2284)	\$0.5445
11/15	\$2.5161	-\$0.0124	\$2.2825	-\$0.0212	\$2.2879	-\$0.0734	\$(0.2336)	\$(0.2283)	\$0.5460
11/14	\$2.5285	-\$0.0811	\$2.3037	-\$0.0887	\$2.3612	-\$0.1505	\$(0.2248)	\$(0.1673)	\$0.7360
11/11	\$2.6096	\$0.0433	\$2.3924	\$0.0463	\$2.5117	\$0.0176	\$(0.2172)	\$(0.0979)	\$0.8010
11/10	\$2.5663	\$0.0217	\$2.3461	\$0.0270	\$2.4941	-\$0.0435	\$(0.2202)	\$(0.0722)	\$0.9745
11/9	\$2.5446	-\$0.0921	\$2.3191	-\$0.1046	\$2.5376	-\$0.0918	\$(0.2255)	\$(0.0070)	\$1.0347
11/8	\$2.6367	-\$0.0164	\$2.4237	-\$0.0405	\$2.6294	-\$0.0489	\$(0.2130)	\$(0.0073)	\$0.9121
11/7	\$2.6531	-\$0.0817	\$2.4642	-\$0.0822	\$2.6783	-\$0.0817	\$(0.1890)	\$0.0252	\$0.8618

RBOB Technicals		
Indicator	Direction	Resistance
MACD	Neutral	3.1427 Aug High
Stochastics	Bearish	3.0221 Oct High
RSI	Neutral	2.2890 Sep Low
ADX	Bearish	1.8800 Dec Low
Momentum	Neutral	
Bias:	Neutral	

Gasoline History



Gasoline Forward Curve



Diesel

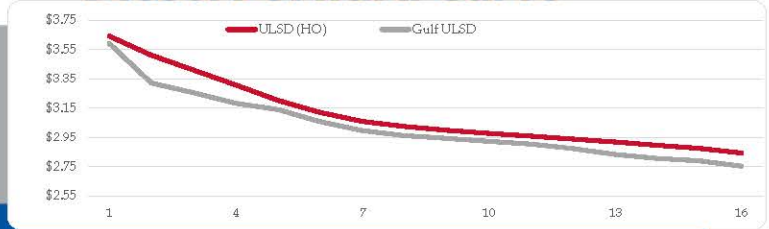
	ULSD (HO)	Change	Gulf ULSD	Change	Group ULSD	Change	Gulf Basis	Group Basis	LA Basis
11/16	\$3.6148	-\$0.0265	\$3.3131	-\$0.0269	\$3.5904	-\$0.0263	\$(0.3020)	\$(0.0246)	\$(0.0245)
11/15	\$3.6413	\$0.0973	\$3.3399	\$0.0968	\$3.6167	\$0.0998	\$(0.3015)	\$(0.0246)	\$(0.0255)
11/14	\$3.5440	-\$0.0113	\$3.2431	-\$0.0728	\$3.5169	\$0.0876	\$(0.3010)	\$(0.0271)	\$(0.0255)
11/11	\$3.5553	-\$0.0141	\$3.3158	\$0.0068	\$3.4293	-\$0.0127	\$(0.2395)	\$(0.1260)	\$(0.0255)
11/10	\$3.5694	-\$0.0869	\$3.3091	-\$0.1588	\$3.4420	-\$0.0695	\$(0.2604)	\$(0.1274)	\$(0.1005)
11/9	\$3.6563	-\$0.1144	\$3.4678	-\$0.1723	\$3.5115	-\$0.0947	\$(0.1885)	\$(0.1448)	\$(0.1005)
11/8	\$3.7707	-\$0.0104	\$3.6401	-\$0.0526	\$3.6062	-\$0.0654	\$(0.1307)	\$(0.1645)	\$(0.1005)
11/7	\$3.7811	-\$0.1337	\$3.6927	-\$0.1750	\$3.6716	-\$0.1735			

HO Technicals		
Indicator	Direction	Resistance
MACD	Neutral	5.8595 Record High
Stochastics	Oversold	4.6841 Oct High
RSI	Neutral	3.1085 Sep Low
ADX	Bearish	2.9330 March Low
Momentum	Bullish	
Bias:	Neutral	

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change
11/16	\$85.19	-\$1.73	\$92.23	-\$1.63
11/15	\$86.92	\$1.05	\$93.86	\$0.72
11/14	\$85.87	-\$3.09	\$93.14	-\$2.85
11/11	\$88.96	\$2.49	\$95.99	\$2.32
11/10	\$86.47	\$0.64	\$93.67	\$1.02
CPL space	Line 1	Change	Line 2	Change
	0.1568	\$0.0130	\$0.1805	\$0.0312

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
11/16	\$8.94	\$53.35	\$23.75	\$26.71	\$2.00	\$46.41	\$16.81	\$19.77	28.82
11/15	\$10.89	\$50.34	\$24.04	\$26.67	\$3.62	\$43.07	\$16.77	\$19.40	29.48
11/14	\$11.52	\$50.30	\$24.45	\$27.03	\$4.49	\$43.27	\$17.42	\$20.00	29.38
11/10	\$12.07	\$52.51	\$25.55	\$28.24	\$4.87	\$45.31	\$18.35	\$21.04	31.55

Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500 Futures	3,990	-9.50	NatGas	6.034	0.101
DJIA	33,593	56.22	Gold	1,774	5.1
EUR/USD	1.0390	0.0035	Silver	21.50	0.4
USD Index	106.30	-0.19	Copper	3.84	
US 10 YR YIELD	3.80%	-0.08	FCOJ	198.00	3.00
US 2 YR YIELD	4.37%	-0.03	Wheat	828.25	-22.00
Oil Volatility Index	45.11	-0.07	Butane	1.021	0.000
S&P Volatility Index (VIX)	24.35	1.19	Propane	0.878	0.004
Nikkei 225 Index	27,995	25.00	Bitcoin	16,690	-510

RINs and Price Drivers

Current Year Biodiesel RINs			Current Year Ethanol RINs		
	Settle	Net Change		Settle	Net Change
	1.9050	0.000		1.7750	0.008
Price Drivers			Price Drivers		
Soybeans	1457.25	-15.250	Ethanol	2.16	0.000
Soybean Oil	76.98	-1.480	Corn	666.75	-7.000
BOHO Spread	2.132		Corn Crush	-0.220	
Soy Crush	841.23		RVO Estimate		
			Per Gallon	\$ 0.2110	\$ 0.0010
			Per Barrel	\$ 8.86	\$ 0.04

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

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