# **S**STERN

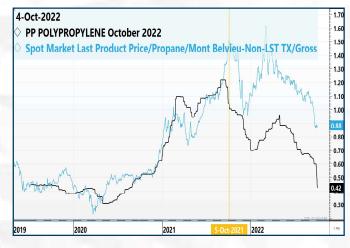
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### Daily Energy Update 10-5

#### Lower Polypropylene Prices & Propane

At this time last year, propane prices had doubled, just to fall out during the winter. As we head into this winter, we have seen prices slide into winter with several folks asking me, is this a time to buy more?



Two weeks ago I had a chart showing the bargain that propane is right now if adjusted for equivalent BTU value. That is still true by a long shot. It could mean in an energy crunch, propane could be the go to gallon to warm you up.

Despite the bargain that propane is, then

why is it so much lower? In the last few years, many propane dehydrogenation plants have been built to take advantage of excess cheap propane. The plants make propylene and hydrogen from propane. Unfortunately for them, the price of propylene has fallen substantially. Slower manufacturing growth has led to an oversupply and wholesale prices are half what they were a year ago.

Going into this winter, it is unlikely propane prices will find support from the plastics market. What is likely is cold weather will find new global buyers of US propane and it will jump our exports to near capacity. This should be a great winter to be a propane shipping company (plug for Dorian LPG, ticker LPG). I think it also will mean higher LP prices, just stay flexible in your price coverage strategy.

#### NEWS

- OPEC + has tentatively agreed to a 2 MB with insiders saying their intent is to defend \$100 Brent Crude oil price which is another \$10 a barrel higher than current values.
- Propane values lifted yesterday, the first increase in weeks. With OPEC
  + reducing supply, it could change propane dynamics significantly as
  OPEC has delivered over 30 MB more propane to Asia this year versus
  last. This could bring some buyers back to the US who had switched to
  Middle East propane.
- A refinery strike in France is on the 9th day, and shortages are starting to appear. Workers want a 10% salary increase for this year due to inflation and TotalEnergies is saying no...?? strange. It would seem to me they have already lost that money and will need to meet workers demands. As shortages build, we expect a resolution.



DIESEL PRICE RISK: higher into 23 with increase of global demand

- Lock in 2023 and 50% of 2024 on OPEC cuts and stoppage of SPR releases
- GASOLINE PRICE RISK: higher 2023 values
- **RECOMMENDATIONS:**
- Book summer 2023 for gas contract buyers now

"This is a general recommendation, contact me for your specific situation"



PROPANE PRICE RISK: values in buy zone despite negative overtones in petroleum markets RECOMMENDATIONS:

 Lock in prebuy and use option strategy for extra length

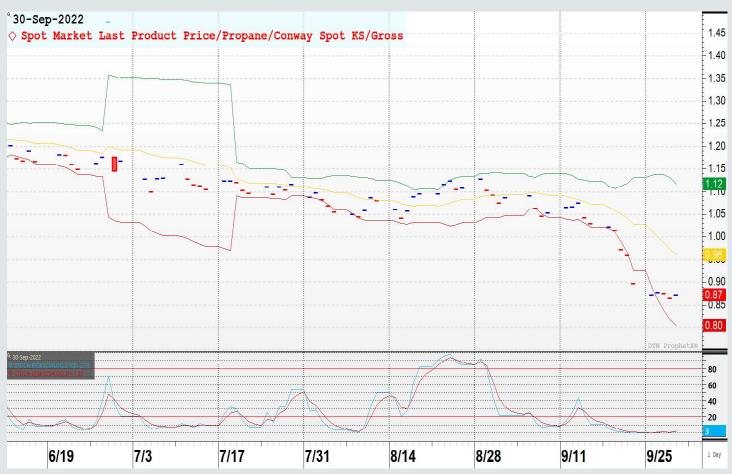
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Market Prices						
		Last	Change			
NEW YORK HARBOR ULSD November 2022	\$	3.545	\$0.009			
NEW YORK HARBOR ULSD December 2022	\$	3.411	\$0.022			
RBOB GASOLINE November 2022	\$	2.657	(\$0.026)			
RBOB GASOLINE December 2022	\$	2.5015	(\$0.014)			
E-MINI S&P 500 December 2022		3765.0	(38.25)			
US DOLLAR INDEX	\$	110.98	\$0.917			
CRUDE OIL November 2022	\$	87.23	\$0.710			
BRENT CRUDE December 2022	\$	92.20	\$0.400			
Conway Propane	\$	0.885	\$0.020			
Gulf Coast - ULSD Grade 62 Basis	\$	0.050	\$0.000			
Group 3 - ULSD Basis	\$	0.190	\$0.000			
Chicago - ULSD Basis	\$	0.050	\$0.000			
Group 3 - Suboctane Gasoline Basis	\$	0.310	\$0.000			
Chicago - CBOB Regular Basis	\$	0.500	\$0.000			









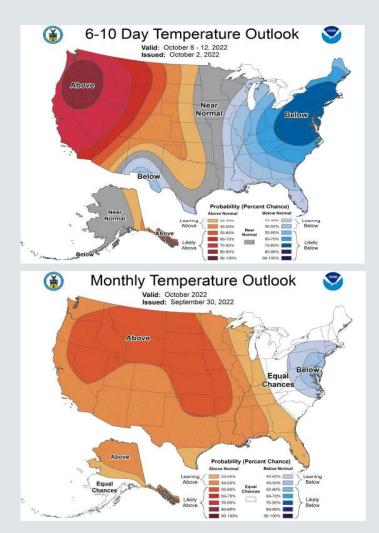
## LOCK BY LOAD CALCULATOR

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Indications Only - Call to lock in

Physical	Futures Month	HO Swap	Implied Basis	Wholesale
October-22	October-22 NEW YORK HARBOR ULSD November 2022		0.140	\$ 3.716
November-22	NEW YORK HARBOR ULSD December 2022	3.441	0.140	\$ 3.581
December-22	NEW YORK HARBOR ULSD January 2023	3.364	0.140	\$ 3.504
January-23	NEW YORK HARBOR ULSD February 2023	3.289	0.160	\$ 3.449
February-23	NEW YORK HARBOR ULSD March 2023	3.207	0.160	\$ 3.367
March-23	NEW YORK HARBOR ULSD April 2023	3.112	0.180	\$ 3.292
April-23	NEW YORK HARBOR ULSD May 2023	3.034	0.180	\$ 3.214
May-23	NEW YORK HARBOR ULSD June 2023	2.973	0.180	\$ 3.153
June-23	NEW YORK HARBOR ULSD July 2023	2.932	0.170	\$ 3.102
July-23	NEW YORK HARBOR ULSD August 2023	2.900	0.170	\$ 3.070
August-23	NEW YORK HARBOR ULSD September 2023	2.900	0.170	\$ 3.070
September-23	NEW YORK HARBOR ULSD October 2023	2.870	0.190	\$ 3.060
October-23	NEW YORK HARBOR ULSD November 2023	2.864	0.190	\$ 3.054
November-23	NEW YORK HARBOR ULSD December 2023	2.831	0.190	\$ 3.021
December-23	NEW YORK HARBOR ULSD January 2024	2.789	0.190	\$ 2.979

Conway Swap Settlements 10/4/2022						
Indications Only - Not Tradeable						
Month	<u>Close</u>	<u>Change</u>				
Nov 22	\$0.902	\$0.012				
Dec 22	\$0.921	\$0.015				
Jan 23	\$0.924	\$0.016				
Feb 23	\$0.924	\$0.017				
Mar 23	\$0.876	\$0.018				
Apr 23	\$0.826	\$0.020				
May 23	\$0.806	\$0.021				
Jun 23	\$0.796	\$0.021				
Jul 23	\$0.796	\$0.022				
Aug 23	\$0.804	\$0.023				
Sep 23	\$0.821	\$0.023				
Oct 23	\$0.838	\$0.021				
Nov 23	\$0.854	\$0.021				
Dec 23	\$0.870	\$0.020				
Jan 24	\$0.870	\$0.024				
Feb 24	\$0.856	\$0.024				
Mar 24	\$0.815	\$0.025				
Apr 24	\$0.774	\$0.026				



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