

Flint Hills Resources Asphalt Cement Prices for September 2017

| Date | Union Pacific RR's daily West Texas Intermediate Crude Oil (WTI) Price per 42 Gallon Barrel (US \$) | Flint Hills Resources Monthly Average Differential Price for WCS @ Hardisty compared to WTI (US \$ per bbl) | Price of WCS @ Hardisty per Short Ton [1 bbl x 6.65] (US \$) | WCS @ Hardisty Monthly Average (US \$) |
|-------------|--|--|---|---|
| - | - | -9.55 | - | 268.17 |
| 01 | 47.29 | 37.74 | 250.97 | - |
| 05 | 48.66 | 39.11 | 260.08 | - |
| 06 | 49.16 | 39.61 | 263.41 | - |
| 07 | 49.09 | 39.54 | 262.94 | - |
| 08 | 47.48 | 37.93 | 252.23 | - |
| 11 | 48.07 | 38.52 | 256.16 | - |
| 12 | 48.23 | 38.68 | 257.22 | - |
| 13 | 49.30 | 39.75 | 264.34 | - |
| 14 | 49.89 | 40.34 | 268.26 | - |
| 15 | 49.89 | 40.34 | 268.26 | - |
| 18 | 49.91 | 40.36 | 268.39 | - |
| 19 | 49.48 | 39.93 | 265.53 | - |
| 20 | 50.41 | 40.86 | 271.72 | - |
| 21 | 50.55 | 41.00 | 272.65 | - |
| 22 | 50.66 | 41.11 | 273.38 | - |
| 25 | 52.22 | 42.67 | 283.76 | - |
| 26 | 51.88 | 42.33 | 281.49 | - |
| 27 | 52.14 | 42.59 | 283.22 | - |
| 28 | 51.56 | 42.01 | 279.37 | - |
| 29 | 51.67 | 42.12 | 280.10 | - |