

# Gas Composition and Properties

Effective October 19, 2017 00:00 - January 18, 2038 21:14

Source #: 100203396  
Name: HOSMER 21-32

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	2.7058		4.8578
Nitrogen, N2	1.0854		1.2404
Methane, C1	67.0350		43.8706
Ethane, C2	15.7830	4.2400	19.3602
Propane, C3	7.6731	2.1235	13.8028
iso-Butane, iC4	0.9163	0.3012	2.1726
n-Butane, nC4	2.1266	0.6735	5.0423
iso-Pentane, iC5	0.6134	0.2253	1.8054
n-Pentane, nC5	0.6135	0.2234	1.8057
Neo-Pentane, NeoC5			
Hexanes, C6	0.5044	0.2084	1.7732
Heptanes, C7	0.4430	0.2053	1.8108
Octanes, C8	0.2805	0.1443	1.3071
Nonanes Plus, C9+	0.2200	0.1244	1.1511
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	8.4660	100.0000

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure	90.404	
Cricondentherm	175.335	
HV, Dry @ Base P, T	1388.80	
HV, Sat @ Base P, T	1364.63	
HV, Sat @ Sample P, T	1306.71	
Relative Density	0.8501	

## Sample

Date: 10/19/2017      Pressure: 25.4  
Type: Spot      Temperature 130.0  
Tech: C. RIOS      H2O: lbs/mm  
H2S: 2 ppm

Remarks:

## Analysis

Date: 10/24/2017      Instrument: 104  
Cylinder:  
Tech: B. GEHRMAN

Remarks: