

**NATURAL GAS LIQUIDS  
(Y-Grade)  
SPECIFICATIONS**

<u>COMPONENT</u>	<u>MOLE %</u>	<u>LIQUID VOL %</u>	<u>WT. %</u>
H2S	0.000	0.000	0.000
OXYGEN	0.000	0.000	0.000
NITROGEN	0.012	0.004	0.007
CARBON DIOXIDE	0.002	0.001	0.002
METHANE	3.088	1.725	0.966
ETHANE	14.915	13.145	8.741
PROPANE	39.418	35.788	33.875
I-BUTANE	7.992	8.618	9.053
N-BUTANE	16.536	17.179	18.732
I-PENTANE	5.346	6.443	7.517
N-PENTANE	4.737	5.659	6.661
HEXANE PLUS	<u>7.954</u>	<u>11.438</u>	<u>14.446</u>
TOTAL	100.000	100.000	100.000

**(ALL VALUES CALCULATED @ 14.65 PSIA & 60 DEG. F)**

IDEAL SP. GRAVITY	0.5357	BTU / GAL	95729.07
MOL. WT.	51.309		
CUBIC FT / GAL	33.136	LBS / GAL	4.47
C1/C2 LV % RATIO	0.000	API GRAVITY	132.64
CO2/C2 LV % RATIO	0.000		

<u>COMPONENT</u>	<u>MOLE %</u>	<u>LIQUID VOL %</u>	<u>WT. %</u>
H2S	0.000	0.000	0.000
OXYGEN	0.000	0.000	0.000
NITROGEN	0.024	0.009	0.013
CARBON DIOXIDE	0.000	0.000	0.000
METHANE	3.795	2.123	1.194
ETHANE	16.986	14.991	10.018
PROPANE	35.142	31.948	30.393
I-BUTANE	8.722	9.418	9.943
N-BUTANE	16.948	17.631	19.320
I-PENTANE	5.237	6.320	7.411
N-PENTANE	5.621	6.724	7.954
HEXANE PLUS	<u>7.525</u>	<u>10.836</u>	<u>13.754</u>
TOTAL	100.000	100.000	100.000

**(ALL VALUES CALCULATED @ 14.65 PSIA & 60 DEG. F)**

IDEAL SP. GRAVITY	0.5330	BTU / GAL	95271.74
MOL. WT.	50.985		
CUBIC FT / GAL	33.179	LBS / GAL	4.44
C1/C2 LV % RATIO	0.000	API GRAVITY	133.98
CO2/C2 LV % RATIO	0.000		