



### HEXANES PLUS EX5

<u>COMPONENT</u>	<u>MOLE %</u>	<u>WEIGHT %</u>	<u>LIQUID VOLUME %</u>
N-PENTANE	0.025	0.020	0.023
CYCLOPENTANE	<u>2.176</u>	<u>1.680</u>	<u>1.554</u>
<b>TOTAL PENTANES</b>	<b>2.201</b>	<b>1.700</b>	<b>1.577</b>
2,2-DIMETHYLBUTANE	3.001	2.848	3.016
2- METHYLPENTANE	25.751	24.437	25.722
2,3-DIMETHYLBUTANE	5.542	5.259	5.467
3-METHYLPENTANE	12.215	11.591	12.002
N-HEXANE	11.130	10.562	11.026
METHYLCYCLOPENTANE	1.658	1.537	1.410
BENZENE	2.791	2.401	1.878
CYCLOHEXANE	<u>3.176</u>	<u>2.943</u>	<u>2.600</u>
<b>TOTAL HEXANES</b>	<b>65.264</b>	<b>61.578</b>	<b>63.121</b>
3,3-DIMETHYLPENTANE	0.093	0.103	0.104
2-METHYLHEXANE	3.333	3.678	3.727
2,3-DIMETHYLPENTANE	1.353	1.493	1.479
1,1-DIMETHYLCYCLOPENTANE	0.019	0.021	0.017
3-METHYLHEXANE	7.015	7.741	7.530
TRANS-1,3-DIMETHYLCYCLOPENTANE	0.170	0.184	0.168
CIS-1,3-DIMETHYLCYCLOPENTANE	0.166	0.179	0.168
3-ETHYLPENTANE	0.915	1.010	0.994
TRANS-1,2-DIMETHYLCYCLOPENTANE	0.241	0.261	0.237
N-HEPTANE	10.137	11.185	11.263
CIS-1,2-DIMETHYLCYCLOPENTANE	0.178	0.192	0.173
METHYLCYCLOHEXANE	0.793	0.857	0.769
ETHYLCYCLOPENTANE	0.398	0.430	0.387
TOLUENE	<u>2.222</u>	<u>2.254</u>	<u>1.791</u>
<b>TOTAL HEPTANES</b>	<b>27.033</b>	<b>29.588</b>	<b>28.807</b>
2,4-DIMETHYLHEXANE	0.230	0.289	0.283
2,5-DIMETHYLHEXANE	0.306	0.385	0.381
2,2,4-TRIMETHYLPENTANE	0.377	0.474	0.474
1,1,3-TRIMETHYLCYCLOPENTANE	0.393	0.486	0.445
1-CIS-2-TRANS-4-TRIMETHYLCYCLOPENTANE	0.021	0.026	0.023
3,3-DIMETHYLHEXANE	0.021	0.026	0.023
1-TRANS-2-CIS-3-TRIMETHYLCYCLOPENTANE	0.022	0.027	0.023
3-METHYLHEPTANE	0.021	0.026	0.023
N-OCTANE	1.610	2.025	1.988
ETHYLBENZENE	0.151	0.177	0.139
M-XYLENE	0.304	0.355	0.283
P-XYLENE	0.290	0.339	0.272
O-XYLENE	<u>0.141</u>	<u>0.165</u>	<u>0.127</u>
<b>TOTAL OCTANES</b>	<b>3.887</b>	<b>4.800</b>	<b>4.484</b>

**HEXANES PLUS EX5 - (CONTINUED)**

<b>COMPONENT</b>	<b>MOLE%</b>	<b>WEIGHT%</b>	<b>LIQUID VOLUME%</b>
N-NONANE	0.284	0.401	0.387
ISOPROPYLBENZENE	0.186	0.246	0.196
N-PROPYLBENZENE	0.106	0.140	0.110
1,3,5-TRIMETHYLBENZENE	0.094	0.124	0.098
1,2,4-TRIMETHYLBENZENE	0.031	0.041	0.035
1,2,3-TRIMETHYLBENZENE	<u>0.027</u>	<u>0.036</u>	<u>0.029</u>
<b>TOTAL NONANES</b>	<b>0.728</b>	<b>0.988</b>	<b>0.855</b>
TERT-BUTYLBENZENE	0.133	0.197	0.156
ISOBUTYLBENZENE	0.139	0.205	0.168
SEC-BUTYLBENZENE	0.059	0.087	0.069
N-DECANE	0.252	0.395	0.376
N-BUTYLCYCLOHEXANE	0.181	0.280	0.243
N-BUTYLBENZENE	<u>0.123</u>	<u>0.182</u>	<u>0.144</u>
<b>TOTAL DECANES</b>	<b>0.887</b>	<b>1.346</b>	<b>1.156</b>
<b>TOTALS</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>

**MOLECULAR WEIGHT: 90.814**

**DENSITY: 5.778 LB/GAL**

**DENSITY: 0.6926 G/ML**

<b>IDEAL HEATING VALUES</b>	<b>14.696 PSIA @ 60° F</b>	<b>14.73 PSIA @ 60° F</b>	
NET, DRY	4546.0	4556.6	BTU/SCF
GROSS, DRY	4894.3	4905.7	BTU/SCF
LIQUID (WT)	20438.3	20485.6	BTU/LB
LIQUID (VOL)	117995.1	118268.1	BTU/GAL



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