

Hexanes Plus EX5

<u>COMPONENT</u>	<u>MOLE%</u>	<u>WEIGHT%</u>	<u>LIQ.VOLUME%</u>
N-Pentane	0.025	0.020	0.023
Cyclopentane	<u>2.176</u>	<u>1.680</u>	<u>1.554</u>
TOTAL PENTANES	2.201	1.700	1.577
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>
TOTAL HEXANES	65.264	61.578	63.121
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>
TOTAL HEPTANES	27.033	29.588	28.807
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>
TOTAL OCTANES	3.887	4.800	4.484



DCG PARTNERSHIP 1, LTD.

Hexanes Plus EX5 (Continued)

<u>COMPONENT</u>	<u>MOLE%</u>	<u>WEIGHT%</u>	<u>LIQ.VOLUME%</u>
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>
TOTAL NONANES	0.728	0.988	0.855
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>
TOTAL DECANES	0.887	1.346	1.156
TOTALS	100.000	100.000	100.000

Molecular Weight: 90.814
 Density: 5.778 LB/GAL
 Density: 0.6926 G/ML

Ideal Heating Values 14.696 PSIA @ 60 ° F 14.73 PSIA @ 60 ° F

Net, Dry	4546.0	4556.6	BTU/SCF
Gross/Dry	4894.3	4905.7	BTU/SCF
Liquid L(WT)	20438.3	20485.6	BTU/LB
Liquid (VOL)	117995.1	118268.1	BTU/GAL

