

HIGH TEMPERATURE DISTILLATION OF  
RESERVOIR FLUID SAMPLE TO EICOSANES PLUS

Sample #: SS-982 (DST #6)

<u>Component</u>	<u>Cut Temp°C</u>	<u>Mol Percent</u>	<u>Weight Percent</u>	<u>Volume Percent</u>	<u>Density, gm/cc @ 60°F</u>	<u>°API @ 60°F</u>	<u>Mol Weight</u>
Pentanes minus	IBP 49	27.59	17.03	20.87	0.6100	100.2	70
Hexanes	84	12.64	9.82	10.72	0.6840	75.2	88
Heptanes	112	19.03	15.78	15.89	0.7416	59.1	94
Octanes	138	10.82	10.31	10.10	0.7618	54.1	108
Nonanes	162	7.49	7.73	7.31	0.7898	47.5	117
Decanes	185	5.08	5.87	5.50	0.7966	46.0	131
Undecanes	206	2.64	3.35	3.12	0.8021	44.7	144
Dodecanes	227	2.11	2.95	2.71	0.8136	42.3	159
Tridecanes	247	2.72	4.27	3.78	0.8430	36.2	178
Tetradecanes	266	2.13	3.58	3.12	0.8560	33.6	190
Pentadecanes	285	1.36	2.50	2.18	0.8584	33.2	208
Hexadecanes	304	0.79	1.55	1.36	0.8517	34.5	221
Heptadecanes	322	0.93	1.92	1.68	0.8499	34.8	234
Octadecanes	338	0.60	1.31	1.15	0.8500	34.8	248
Nonadecanes	353	0.49	1.13	0.99	0.8528	34.3	261
Eicosanes plus	FBP 353	3.58	10.90	9.52	0.8554	33.8	345
		<u>100.00</u>	<u>100.00</u>	<u>100.00</u>			

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