

HIGH TEMPERATURE DISTILLATION OF  
RESERVOIR FLUID SAMPLE TO EICOSANES PLUS

Sample #: SS-1069 (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	28.50	17.80	21.73	0.6100	100.2	70
Hexanes	84	11.81	9.17	10.00	0.6835	75.3	87
Heptanes	112	19.48	16.86	16.92	0.7427	58.8	97
Octanes	138	11.40	10.78	10.52	0.7632	53.7	106
Nonanes	162	6.96	7.21	6.80	0.7899	47.5	116
Decanes	185	5.07	5.93	5.54	0.7965	46.0	131
Undecanes	206	2.30	2.92	2.71	0.8014	44.9	142
Dodecanes	227	2.28	3.13	2.87	0.8118	42.6	154
Tridecanes	247	3.27	5.08	4.49	0.8422	36.4	174
Tetradecanes	266	1.73	2.93	2.55	0.8572	33.4	190
Pentadecanes	285	1.17	2.14	1.86	0.8579	33.3	205
Hexadecanes	304	0.83	1.62	1.42	0.8525	34.3	220
Heptadecanes	322	0.92	1.98	1.74	0.8485	35.1	241
Octadecanes	338	0.44	1.02	0.89	0.8503	34.8	256
Nonadecanes	353	0.39	0.93	0.81	0.8528	34.3	269
Eicosanes plus	FBP 353	3.45	10.50	9.15	0.8554	33.8	341
		<u>100.00</u>	<u>100.00</u>	<u>100.00</u>			

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