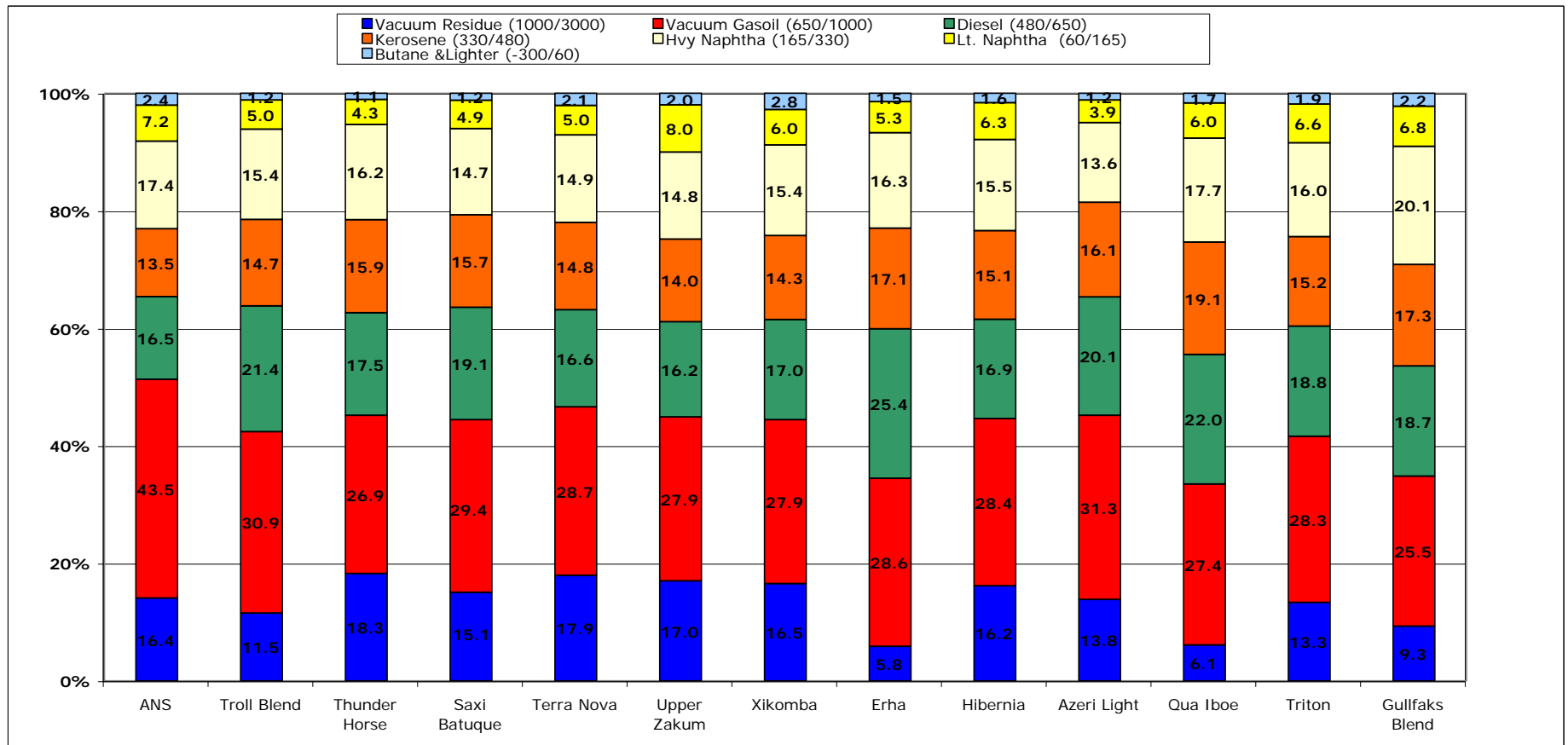
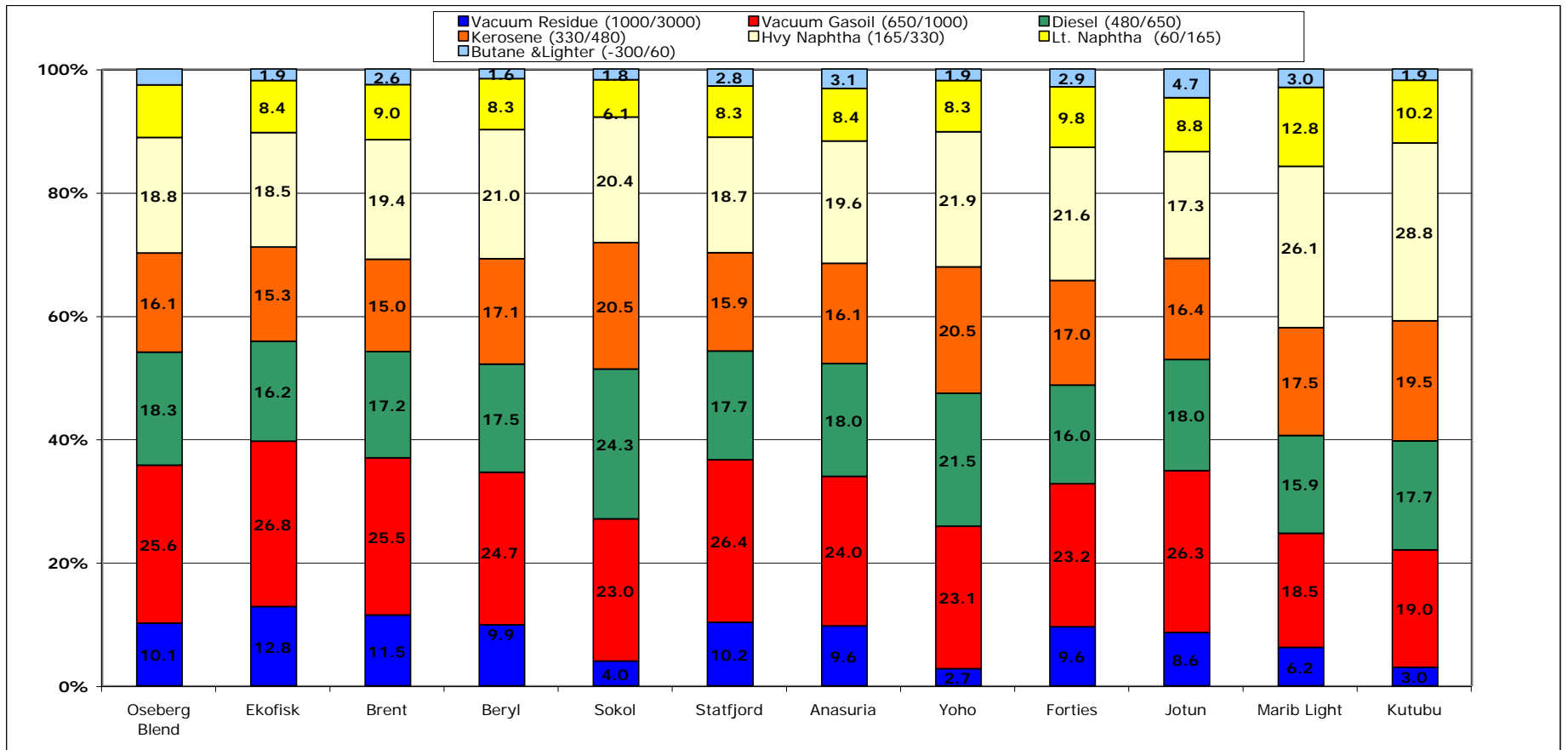


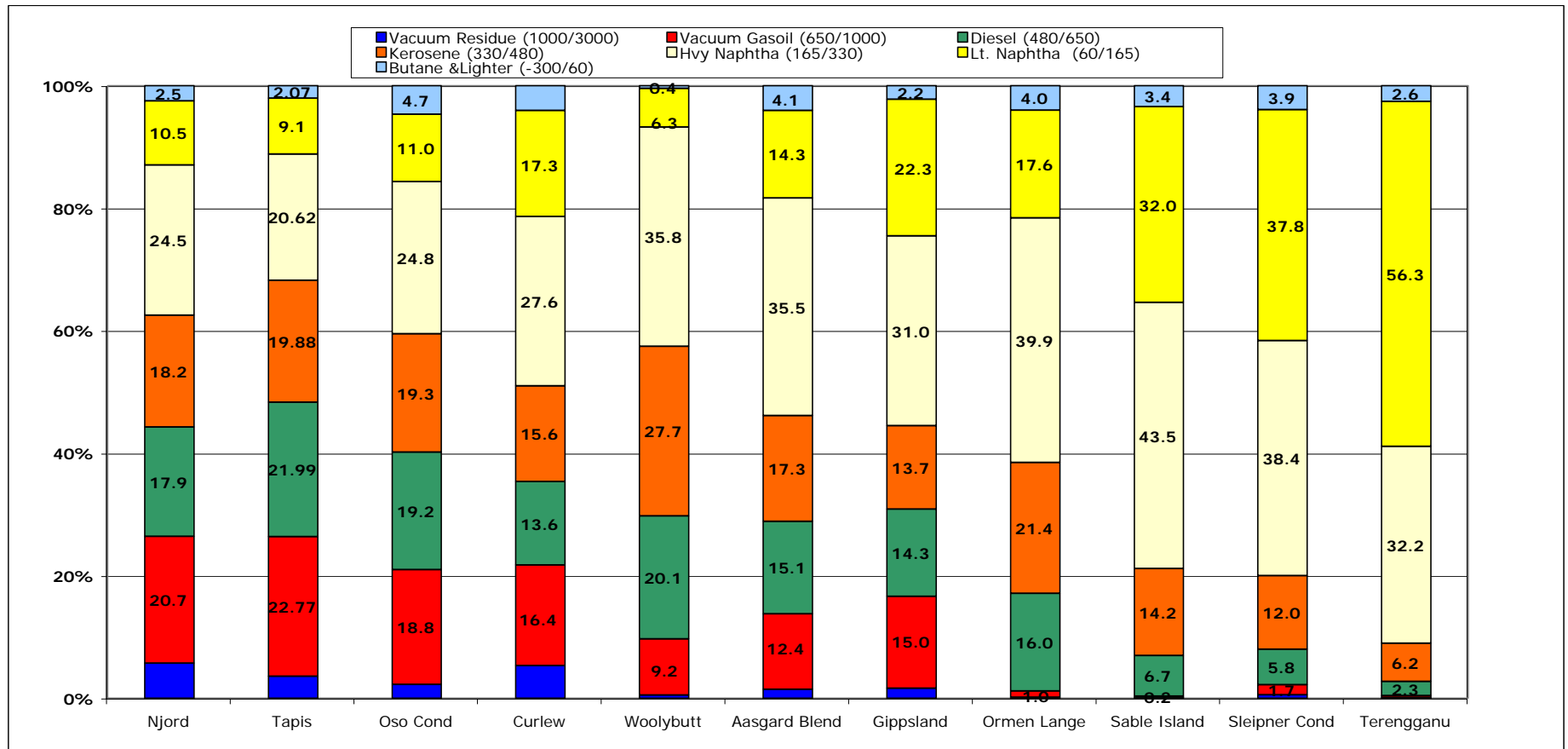
	Grane	Cold Lake Blend	Doba Blend	Dalia	Hungo Blend	Volve	Mondo	Girassol	Bonga	Zafiro Blend	Kissanje	HOOPS Blend
API Gravity,	19.1	19.7	21.0	23.1	28.3	29.3	29.9	29.9	30.2	30.6	30.7	31.2
Whole-CR. SPGR	0.9397	0.9	0.9279	0.9153	0.8855	0.88	0.8767	0.8767	0.8751	0.8729	0.8724	0.8697
W-CR. Pour-F	-28.0	-38.0	5.0	-49.0	-19.0	37	-65	-27.0	-54.0	-65.0	-51.0	-33.0
Neut #	2.1	0.8	4.3	1.5	0.5	0.071	0.66	0.4	0.6	0.8	0.5	0.9
W-Crude %S	0.8	3.7	0.1	0.5	0.6	1.8	0.4169	0.3	0.2	0.3	0.4	1.2
W-Crude CCR	6.1	11.9	6.1	5.4	5.6	3.96	5.37	3.0	1.2	0.0	3.7	2.9
W-Crude NI	5.2	57.5	8.4	23.9	18.0	5.4	24.4	9.6	3.3	14.0	10.7	6.7
W-Crude Van.	17.2	161.3	0.5	10.8	15.0	28	8.4	4.1	0.4	2.7	8.3	12.0
Diesel Cloud-F	-10.0	-38.0	-57.0	-42.0	12.0	19	-2	12.0	0.0	6.0	-11.0	-26.0
Diesel CI	37.6	37.7	37.0	45.0	51.0	51.9	48.1	53.7	41.9	46.8	51.4	47.0
Diesel SPGR	0.9	0.9	0.9	0.9	0.9	0.8602	0.8685	0.9	0.9	0.9	0.9	0.8717
VGO NI, ppm	0.1	0.5	0.1	0.1	0.1	0	0.2	0.1	0.1	0.1	0.1	0.1
Resid %S	1.5	6.0	0.1	0.9	1.3	3.6745	0.9515	0.7	0.7	0.6	0.9	2.7
Resid CCR	20.6	30.2	13.3	19.1	21.8	18.62	22.08	14.0	11.7	19.4	17.2	14.7
Resid VAN.	59.1	408.8	0.5	39.4	59.6	138.7	34.6	19.5	0.0	18.7	38.7	64.3
Resid N2	7565.8	8251.3	3655.3	6876.9	8567.3	8034.4	9060.3	6225.0	7683.0	11041.2	6701.7	5128.7
Resid Visc. 50C, cs	2272128	1509978607	9331	315912	1683419	148976	3455126	35231	296632	6911020	163799	135692



	ANS	Troll Blend	Thunder Horse	Saxi Batuque Blend	Terra Nova	Upper Zakum	Xikomba	Erha	Hibernia	Azeri Light	Qua Iboe	Triton	Gullfaks Blend
API Gravity,	32.3	32.4	32.7	32.8	33.2	34.0	34.7	34.8	35.0	35.0	35.2	36.0	37.8
Whole-CR. SPGR	0.8639	0.8633	0.8617	0.8612	0.8591	0.8550	0.8514	0.8509	0.8498	0.8498	0.8487	0.8446	0.8358
W-CR. Pour-F	5.0	-11.0	-9.0	-17	54.0	-65.0	37.0	-9	37.0	28.0	60.0	-26.0	-33.0
Neut #	0.1	0.7	0.1	0.68	0.1	0.1	0.2	0.354	0.1	0.3	0.3	0.1	0.1
W-Crude %S	0.9	0.2	0.6	0.2869	0.5	1.9	0.4	0.159	0.5	0.1	0.1	0.32	0.2
W-Crude CCR	4.4	2.3	3.9	0	2.4	5.1	3.5	1.03	2.2	1.4	1.1	1.7	1.3
W-Crude NI	8.9	0.9	12.5	8.9	1.4	8.9	12.0	4.5	1.3	3.0	4.1	1.6	1.0
W-Crude Van.	20.8	0.8	9.2	2.7	0.5	11.0	5.0	0.5	0.7	0.3	0.3	4.3	1.7
Diesel Cloud-F	11.0	-22.0	9.0	13	24.0	20.0	24.0	17	24.0	22.0	24.0	20.0	13.0
Diesel CI	46.0	47.0	56.0	52.1	53.0	56.0	58.0	47.3	55.0	58.0	49.0	55.0	52.0
Diesel SPGR	0.8729	0.9	0.8496	0.859	0.856	0.8498	0.847	0.8708	0.8523	0.8448	0.8654	0.8531	0.8588
VGO NI, ppm	0.0	0.0	0.0	0	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.1	0.0
Resid %S	2.3	0.6	1.6	0.7818	1.4	4.2	1.0	0.4965	1.3	0.4	0.5	1.01	0.8
Resid CCR	21.9	17.1	18.2	17.4	11.4	24.3	17.0	13.96	11.5	8.4	14.1	10.5	11.6
Resid VAN.	106.7	6.0	42.6	15.6	2.4	57.5	28.3	7.3	3.7	1.9	4.7	26.6	15.5
Resid N2	6698.6	4456.7	5141.9	7147.9	5199.6	3457.0	5005.6	6517.3	3516.5	5239.5	6426.7	3495.1	5091.3
Resid Visc. 50C, cs	1003539.6	28615	141236.3	224320.29	22930.0	322558.1	133209.0	20307.4	11029.7	6392.1	536716.6	6492.3	10135.9



	Oseberg Blend	Ekofisk	Brent	Beryl	Sokol	Statfjord	Anasuria	Yoho	Forties	Jotun	Marib Light	Kutubu
API Gravity,	37.8	37.9	38.5	38.6	38.7	39.3	39.7	40.1	40.6	41.0	43.7	44.1
Whole-CR. SPGR	0.8358	0.8353	0.8324	0.8319	0.8314	0.8284	0.8265	0.8246	0.8220	0.8203	0.8076	0.8058
W-CR. Pour-F	22	21.0	32.0	10.0	-65	27	16.0	35.0	-12.0	43.0	-30.0	32
Neut #	0.2	0.1	0.1	0.1	0.17	0.07	0.0	0.3	0.1	0.1	0.1	0.04
W-Crude %S	0.25	0.2	0.41	0.4	0.21	0.25	0.31	0.09	0.56	0.19	0.13	0.0453
W-Crude CCR	2.07	1.8	2.2	1.7	0.68	1.91	1.4	0.7	1.7	1.4	1.3	0.55
W-Crude NI	1.6	3.2	1.3	1.7	1.9	1.6	1.3	1.0	2.3	0.6	4.2	0.5
W-Crude Van.	1.6	1.5	5.9	5.2	0.3	2.1	3.1	0.5	6.4	2.0	1.4	0.5
Diesel Cloud-F	18	23.0	20.0	25.0	21	22	24.0	0.0	24.0	25.0	25.0	30
Diesel CI	53.6	56.0	56.0	55.0	51.9	57	55.0	53.0	55.2	57.0	55.0	52
Diesel SPGR	0.8559	0.9	0.8508	0.8516	0.8588	0.8487	0.8513	0.8559	0.8506	0.8485	0.8519	0.8591
VGO NI, ppm	0	0.0	0.0	0.1	0.1	0	0.0	0.0	0.0	0.0	0.0	0
Resid %S	0.84	0.7	1.37	1.1	0.91	0.81	1.16	0.53	2.05	0.84	0.65	0.269
Resid CCR	16.72	11.8	15.5	14.2	12.99	15.02	11.6	19.1	14.4	12.9	16.9	13.34
Resid VAN.	13	10.0	43.1	41.5	6.9	15.2	25.9	14.4	53.7	18.4	18.3	0.3
Resid N2	5351	5437.1	5202.0	4553.1	7624	4681	3486.3	8837.7	4584.8	3875.1	5737.4	5349.9
Resid Visc. 50C, cs	41479	10268.5	30139.9	23323.3	13955	14810	5476.3	1613658.6	15023.8	11367.2	47461.1	17802.26



	Njord	Tapis	Oso Cond	Curlew	Woolybutt	Aasgard Blend	Gippsland	Ormen Lange	Sable Island	Sleipner Cond	Terengganu
API Gravity,	44.3	45.6	46.2	47.4	49.0	50.7	52.3	57.3	57.7	62.4	72.6
Whole-CR. SPGR	0.8049	0.7990	0.7963	0.7909	0.7839	0.7766	0.7698	0.7495	0.7479	0.7298	0.6933
W-CR. Pour-F	-33	64.0	32	8.0	-65.0	-65.0	7.0	-49	-65.0	-65.0	-33.0
Neut #	0.05	0.2	0.11	0.1	0.1	0.1	0.1	0.05	0.0	0.0	0.0
W-Crude %S	0.0563	0.03	0.0483	0.1438	0.014	0.0714	0.0802	0.0059	0.0023	0.019	0.0017
W-Crude CCR	0.39	0.5	0.54	0.9	0.2	0.2	0.3	0	0.0	0.0	0.0
W-Crude NI	0.7	1.6	0.5	0.9	2.1	0.5	0.1	0.1	0.1	0.0	0.5
W-Crude Van.	0.1	0.3	0.5	0.7	0.1	0.5	0.0	0.1	0.1	0.0	0.5
Diesel Cloud-F	25	46.0	37	32.0	20.0	168.2	38.0	33	15.0	22.0	15.0
Diesel CI	58	65.9	57.5	54.0	56.0	24.0	55.0	70	44.0	52.6	62.0
Diesel SPGR	0.8448	0.8288	0.8463	0.8536	0.8472	0.843	0.8523	0.8216	0.8689	0.8534	0.8263
VGO NI, ppm	0	0.0	0.1	0.1	0.3	0.0	0.0	0	0.0	0.1	0.0
Resid %S	0.3111	0.18	0.2542	0.794	0.4991	0.6387	0.8581	0.2879	0.1464	0.5014	0.1728
Resid CCR	5.31	10.8	16.36	11.0	33.6	10.2	12.5	1.37	1.7	0.5	2.0
Resid VAN.	1.3	6.9	0.4	10.2	12.0	0.0	2.2	2.1	11.1	1.4	21.2
Resid N2	2114.8	3421.1	4796.1	4122.1	4108.0	1050.2	1546.1	806.5	1316.9	364.3	489.9
Resid Visc. 50C, cs	1763.32	72399.6	15138.87	1722.4	595724.8	951.2	7390	88176	61998.9	31770.4	1995.1