

Sample No	S025	S026	S027	S028	S029	S030	S031	S032
Depth (m)	2941.5	2942.5	2943.55	2944.6	2945.5	2946.5	2947.5	2948.45
Saturates mg/gm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.74
Aromatics mg/gm	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.47
Resin A mg/gm	0.01	0.00	0.01	0.01	0.01	0.02	0.00	0.06
Resin B mg/gm	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00
Total Extract mg/gm	0.02	0.02	0.03	0.04	0.03	0.05	0.03	2.28
Saturates %wt	38.80	50.51	22.75	25.79	22.44	18.77	32.96	76.36
Aromatics %wt	30.18	19.74	20.43	21.13	29.39	19.89	36.98	20.72
Resin A %wt	24.13	22.99	24.70	26.27	33.07	34.07	6.87	2.73
Resin B %wt	6.89	6.76	32.11	26.81	15.10	27.26	23.19	0.19

Sample No	S033	S034	S035	S036	S037	S038	S039	S040
Depth (m)	2949.6	2950.5	2951.5	2953.6	2954.5	2955.4	2956.5	2957.6
Saturates mg/gm	5.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics mg/gm	1.64	0.00	0.00	0.01	0.01	0.01	0.01	0.01
Resin A mg/gm	0.19	0.01	0.01	0.02	0.01	0.01	0.01	0.01
Resin B mg/gm	0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.01
Total Extract mg/gm	6.98	0.02	0.03	0.06	0.04	0.03	0.03	0.02
Saturates %wt	73.64	22.32	7.47	3.42	6.93	5.97	8.17	5.43
Aromatics %wt	23.56	21.60	13.03	17.51	13.03	22.26	27.97	25.57
Resin A %wt	2.76	37.39	42.19	25.18	30.17	40.37	39.92	28.66
Resin B %wt	0.04	18.69	37.32	53.89	49.87	31.40	23.95	40.34

Sample No	S041	S042	S043	S044	S045	S046	S047	S048
Depth (m)	2958.5	2960.5	2961.5	2962.5	2964.5	2965.6	2967.5	2970.5
Saturates mg/gm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics mg/gm	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
Resin A mg/gm	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
Resin B mg/gm	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.00
Total Extract mg/gm	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.02
Saturates %wt	17.77	18.41	11.98	16.64	6.67	6.38	8.12	8.50
Aromatics %wt	21.72	38.76	25.28	15.48	7.92	14.00	17.77	16.17
Resin A %wt	17.86	13.71	10.30	14.14	26.06	46.04	55.05	50.96
Resin B %wt	42.66	29.13	52.44	53.74	59.35	33.57	19.06	24.37

Table 4 cont.

Sample No	S049	S050	S051	S052	S053	S054	S055	S056
Depth (m)	2972.3	2973.5	2974.5	2977.45	2979.3	2981.5	2982.5	2982.85
Saturates mg/gm	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Aromatics mg/gm	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01
Resin A mg/gm	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00
Resin B mg/gm	0.01	0.00	0.01	0.00	0.01	0.01	0.00	0.00
Total Extract mg/gm	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.01
Saturates %wt	9.99	31.37	11.55	12.31	15.59	11.31	38.90	13.57
Aromatics %wt	29.28	20.34	23.65	16.69	31.65	31.20	31.36	38.70
Resin A %wt	28.20	18.58	39.27	54.15	0.00	0.00	29.75	31.82
Resin B %wt	32.53	29.72	25.53	16.85	52.75	57.49	0.00	15.91

Sample No	S057	S058	S059	S060	S061	S062	S063	S064
Depth (m)	2984.35	2986.5	2989.2	2991.5	2994.5	2997.5	3000.3	3002.25
Saturates mg/gm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aromatics mg/gm	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00
Resin A mg/gm	0.01	0.02	0.01	0.01	0.00	0.01	0.00	0.00
Resin B mg/gm	0.00	0.00	0.01	0.02	0.01	0.01	0.02	0.01
Total Extract mg/gm	0.02	0.03	0.02	0.03	0.02	0.03	0.03	0.01
Saturates %wt	5.22	6.18	7.64	8.12	10.60	7.85	6.63	18.81
Aromatics %wt	19.63	11.75	24.69	17.85	12.09	19.09	12.84	24.39
Resin A %wt	55.66	78.06	26.87	27.76	26.23	23.45	15.74	15.04
Resin B %wt	19.48	4.02	40.80	46.27	51.08	49.61	64.80	41.77

Sample No	S065	S066	S067	S068	S069
Depth (m)	3005.55	3006.8	3008.5	3009.15	3011.2
Saturates mg/gm	0.00	0.00	0.00	0.00	0.00
Aromatics mg/gm	0.00	0.00	0.00	0.00	0.00
Resin A mg/gm	0.00	0.00	0.00	0.01	0.00
Resin B mg/gm	0.02	0.03	0.01	0.02	0.02
Total Extract mg/gm	0.03	0.03	0.02	0.03	0.03
Saturates %wt	7.48	2.05	13.52	1.65	9.15
Aromatics %wt	18.48	11.20	5.67	15.92	8.16
Resin A %wt	11.69	12.01	13.99	25.05	8.20
Resin B %wt	62.35	74.74	66.83	57.37	74.50

Table 4 cont.

APPENDIX - D

HEADSPACE GAS COMPOSITION AND ISOTOPIC DATA

HEAD SPACE GAS ANALYSIS - RELATIVE MOL % HYDROCARBONS

DEPTH (M)	METHANE	ETHANE	PROPANE	ISO-BUTANE	N-BUTANE	ISO-PENTANE	N-PENTANE	C5+	C1/(C1 TO C5)	IC4/NC4	Inj. (ul)	COMMENT
1740	99 19	0 53	0 11	0 12	0	0 05	0	0 000	0 992		400	
1770	98 83	0 63	0 19	0 21	0 04	0 11	0	0 000	0 988	5 250	400	
1800	98 64	0 74	0 19	0 27	0 03	0 13	0	0 000	0 986	9 000	400	
1950	93 47	2 36	1 2	1 4	0 39	0 95	0 23	0 000	0 935	3 590	400	
1980	84 95	5 4	2 64	2 58	1 26	2 34	0 83	0 000	0 850	2 048	400	
2000	89 4	5 21	3 13	0 87	0 61	0 55	0 24	0 000	0 894	1 426	400	
2010	93 15	3 26	1 86	0 75	0 38	0 45	0 16	0 000	0 931	1 974	400	
2070	93 46	4 04	1 73	0 33	0 23	0 15	0 06	0 000	0 935	1 435	400	
2100	90 77	5 36	2 58	0 5	0 4	0 28	0 12	0 000	0 908	1 250	400	
2120	89 96	5 5	2 54	0 53	0 64	0 5	0 33	0 000	0 900	0 828	400	
2130	94 62	3 4	1 31	0 22	0 22	0 15	0 08	0 000	0 946	1 000	400	
2160	95 19	3 05	1 12	0 21	0 21	0 14	0 08	0 000	0 952	1 000	300	
2190	94 64	3 41	1 2	0 22	0 25	0 17	0 11	0 000	0 946	0 880	300	
2260	94 73	3 38	1 14	0 23	0 26	0 17	0 09	0 000	0 947	0 885	300	
2280	94 2	3 45	1 26	0 28	0 38	0 28	0 15	0 000	0 942	0 737	300	
2330	95 25	3 23	0 88	0 18	0 22	0 15	0 08	0 000	0 953	0 818	300	
2335	30 26	3 62	17 83	12 74	12 68	15 54	7 33	0 001	0 303	1 005	1000	V Little Gas
2380	22 09	10 08	24 58	12 2	12 08	13 09	5 89	0 002	0 221	1 010	2000	V Little Gas
2410	92 19	5 37	1 55	0 35	0 27	0 19	0 08	0 000	0 922	1 296	100	
2430	95 08	3 7	0 83	0 16	0 13	0 06	0 04	0 000	0 951	1 231	25	
2460	95 43	3 45	0 75	0 16	0 11	0 07	0 03	0 000	0 954	1 455	25	
2490	94 7	4 04	0 82	0 2	0 13	0 1	0 03	0 000	0 947	1 538	25	
2520	95 55	3 36	0 72	0 15	0 11	0 07	0 03	0 000	0 956	1 364	100	
2550	96 19	2 53	0 74	0 2	0 16	0 14	0 04	0 000	0 962	1 250	100	
2571	93 81	4 11	1 19	0 34	0 25	0 22	0 07	0 000	0 938	1 360	200	
2597	92 32	5 47	1 29	0 38	0 26	0 22	0 05	0 000	0 923	1 462	25	
2612	93 22	4 81	1 15	0 32	0 23	0 21	0 05	0 000	0 710	1 095	25	
2630	92 67	5 25	1 18	0 34	0 26	0 24	0 06	0 000	0 927	1 308	25	
2648	90 16	6 6	1 78	0 47	0 42	0 43	0 14	0 000	0 902	1 119	25	
2660	89 98	6 68	1 88	0 52	0 43	0 39	0 11	0 000	0 667	1 103	50	
2696	91 51	6 06	1 43	0 36	0 3	0 28	0 06	0 000	0 915	1 200	50	
2717	92 83	5 4	1 1	0 27	0 2	0 17	0 04	0 000	0 928	1 350	25	
2738	92 1	5 98	1 18	0 27	0 23	0 2	0 06	0 000	0 921	1 174	25	
2756	89 88	7 06	1 74	0 42	0 39	0 38	0 13	0 000	0 899	1 077	50	
2774	91 59	6 12	1 46	0 23	0 3	0 22	0 08	0 000	0 916	0 767	50	
2792	91 11	6 48	1 56	0 3	0 28	0 2	0 07	0 000	0 911	1 071	75	
2810	91 56	6 06	1 63	0 24	0 31	0 14	0 06	0 000	0 916	0 774	75	
2819	89 07	5 75	4 51	0 22	0 3	0 1	0 05	0 000	0 891	0 733	100	
2837	84 65	6 98	5 06	1 15	1 34	0 54	0 29	0 000	0 846	0 858	2000	
2855	88 67	8 22	2 36	0 23	0 37	0 08	0 06	0 000	0 887	0 622	100	
2873	88 72	8 49	2 14	0 25	0 3	0 06	0 04	0 000	0 887	0 833	100	
2891	87 97	9 16	2 22	0 28	0 28	0 06	0 04	0 000	0 880	1 000	50	
2909	86 97	9 89	2 41	0 27	0 33	0 07	0 06	0 000	0 870	0 818	100	
2915	70 73	17 11	8 32	1 32	1 7	0 46	0 35	0 000	0 707	0 776	200	
3022	85 65	10 21	3 06	0 25	0 54	0 14	0 15	0 000	0 857	0 463	200	
3050	72 09	18 43	6 94	0 83	1 12	0 32	0 27	0 000	0 721	0 741	400	
3068	64 73	19 07	10 9	1 85	2 26	0 67	0 52	0 000	0 647	0 819	400	
3086	83 31	10 54	4 04	0 83	0 82	0 28	0 18	0 000	0 833	1 012	1000	
3104	74 39	16 77	5 86	1 32	1 09	0 37	0 2	0 000	0 744	1 211	500	
3122	81 62	12 87	3 6	0 81	0 69	0 25	0 15	0 000	0 816	1 174	300	
3140	75 16	15 05	5 94	1 57	1 4	0 54	0 34	0 000	0 752	1 121	200	
3158	78 04	14 12	4 87	1 18	1 11	0 4	0 29	0 000	0 780	1 063	150	

Table 5

APPENDIX - E
CORE CHIP EXTRACTS

Sediment/Extract Analysis

Well name : 6305/7-1
 Suite name : 6305/7-1 Iatroscan Study
 Country Of Origin : Norway
 Depth (m) : 2917.5
 Sample name :
 Lab Number: 9809SED006S001

HPLC

Saturates %wt : 36.64
 Aromatics %wt : 12.25
 Residues %wt : 51.11

Asphaltenes (Micro Method) %wt :

Extraction

Sediment Weight (g) : 16.235
 Total Soluble Extract Weight (g) : 0.0017
 TSE %wt : 0.010

Saturates GC

Pristane/Phytane : 1.45
 Pristane/nC17 : 0.80
 Phytane/nC18 : 0.45
 CPI : 1.27
 ALKIND : 73.25
 R22 : 1.05

Biomarker Ratios

H1 : 0.42	S1 : 0.28	M2 : 0.98
H2 : 0.41	S2 : 0.36	M3 : 0.73
H3 : 0.86	S3 : 30:30:39	M4 : 51.47
H4 : 11	S4 : 35:31:33	M5 :
H5 : 100:65:41:28:28:15	S5 : 61.77	A1 : 0.06
H6 : 0.40	S6 :	A2 : 0.07
H7 : 0.31	S7 : 43.83	A3 : 0.76
H8 :	S8 : 13.20	A4 : 0.42
H9 :	S9 :	A5 : 0.66
H10 :	S10 :	A6 : 1.63
H11 : 10.25		MDR : 2.74
H12 : 12.80		MBP : 22.30
H13 : 31.82		
H14 : 7.64		
H15 : 4.12		
H16 : 0.00		
H17 : 35.67		
H18 : 18.72		

Light Hydrocarbons

MCH % :
 HER :
 HXR :

Stable Carbon Isotopes

Saturates :
 Total Oil :
 Aromatics :
 Residue :
 Asphaltenes :
 Kerogen :

STANDARD:

N.B. ALKIND - $100 \times \frac{n-C17}{(n-C17+n-C27)}$
 R22 - $2 \times \frac{n-C22}{(n-C21+n-C23)}$

HER - Heptane/Heptane+Methylcyclohexane
 HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Sediment/Extract Analysis

Well name : 6305/7-1
 Suite name : 6305/7-1 Iatroskan Study
 Country Of Origin : Norway
 Depth (m) : 2925.2
 Sample name :
 Lab Number: 9809SED006S009

HPLC

Saturates %wt : 58.98
 Aromatics %wt : 16.69
 Residues %wt : 24.33

Extraction

Sediment Weight (g) : 15.401
 Total Soluble Extract Weight (g) : 0.00286
 TSE %wt : 0.019

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 1.43
 Pristane/nC17 : 0.78
 Phytane/nC18 : 0.41
 CPI : 1.26
 ALKIND : 61.87
 R22 : 1.12

Biomarker Ratios

H1 : 0.42	S1 : 0.30	M2 : 0.79
H2 : 0.46	S2 : 0.30	M3 : 0.55
H3 : 0.86	S3 : 31:30:38	M4 : 49.59
H4 : 11	S4 : 39:30:30	M5 :
H5 : 100:60:33:27:19:10	S5 : 65.12	A1 : 0.03
H6 : 0.38	S6 :	A2 : 0.11
H7 : 0.26	S7 : 44.41	A3 : 0.94
H8 :	S8 : 13.90	A4 : 0.71
H9 :	S9 :	A5 : 0.89
H10 :	S10 :	A6 : 2.03
H11 : 9.33		MDR : 2.72
H12 : 18.38		MBP : 20.01
H13 : 27.91		
H14 : 7.37		
H15 :		
H16 : 0.00		
H17 : 35.03		
H18 : 18.60		

Light Hydrocarbons

MCH % :
 HER :
 HXR :

Stable Carbon Isotopes

Saturates :
 Total Oil :
 Aromatics :
 Residue :
 Asphaltenes :
 Kerogen :

STANDARD:

N.B. ALKIND - 100*n-C17/(n-C17+n-C27)
 R22 - 2*n-C22/(n-C21+n-C23)
 HER - Heptane/Heptane+Methylcyclohexane
 HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Table 6.2

Sediment/Extract Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 Iatrosan Study
Country Of Origin : Norway
Depth (m) : 2934.55
Sample name :
Lab Number: 9809SED006S018

HPLC

Saturates %wt : 56.38
Aromatics %wt : 20.53
Residues %wt : 23.08

Extraction

Sediment Weight (g) : 14.978
Total Soluble Extract Weight (g) : 0.00243
TSE %wt : 0.016

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 2.31
Pristane/nC17 : 0.79
Phytane/nC18 : 0.41
CPI : 1.24
ALKIND : 78.16
R22 : 1.07

Biomarker Ratios

H1 : 0.42	S1 : 0.33	M2 : 0.81
H2 : 0.43	S2 : 0.27	M3 : 0.58
H3 : 0.86	S3 : 27:33:38	M4 : 49.98
H4 : 9	S4 : 39:31:29	M5 :
H5 : 100:67:34:26:17:7	S5 : 62.66	A1 : 0.05
H6 : 0.36	S6 :	A2 : 0.08
H7 : 0.28	S7 : 41.47	A3 : 0.88
H8 :	S8 : 15.29	A4 : 0.50
H9 :	S9 :	A5 : 0.63
H10 :	S10 :	A6 : 1.92
H11 : 8.28		MDR : 2.49
H12 : 15.94		MBP : 30.54
H13 : 27.98		
H14 : 8.54		
H15 :		
H16 : 0.00		
H17 : 28.98		
H18 : 19.13		

Light Hydrocarbons

MCH % :
HER :
HXR :

Stable Carbon Isotopes

Saturates :
Total Oil :
Aromatics :
Residue :
Asphaltenes :
Kerogen :

STANDARD:

N.B. ALKIND - $100 \cdot n\text{-C17}/(n\text{-C17}+n\text{-C27})$
 R22 - $2 \cdot n\text{-C22}/(n\text{-C21}+n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Table 6.3

Sediment/Extract Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 Iatroskan Study
Country Of Origin : Norway
Depth (m) : 2948.45
Sample name :
Lab Number: 9809SED006S032

HPLC

Saturates %wt : 81.73
Aromatics %wt : 15.87
Residues %wt : 2.40

Asphaltenes (Micro Method) %wt :

Extraction

Sediment Weight (g) : 14.75
Total Soluble Extract Weight (g) : 0.06085
TSE %wt : 0.413

Saturates GC

Pristane/Phytane : 2.13
Pristane/nC17 : 0.54
Phytane/nC18 : 0.21
CPI : 1.14
ALKIND : 60.10
R22 : 1.01

Biomarker Ratios

H1 : 0.41	S1 : 0.29	M2 : 0.70
H2 : 0.47	S2 : 0.33	M3 : 0.66
H3 : 0.85	S3 : 30:30:39	M4 : 43.52
H4 : 0	S4 : 33:33:33	M5 :
H5 : 100:69:33:15:7:5	S5 : 57.25	A1 : 0.03
H6 : 0.34	S6 :	A2 : 0.03
H7 : 0.49	S7 : 43.59	A3 : 0.32
H8 :	S8 : 10.40	A4 : 0.13
H9 :	S9 :	A5 : 0.56
H10 :	S10 :	A6 : 1.65
H11 : 6.19		MDR : 1.81
H12 : 14.39		MBP : 17.41
H13 : 24.29		
H14 : 9.03		
H15 : 0.00		
H16 : 0.00		
H17 : 40.91		
H18 : 18.04		

Light Hydrocarbons

MCH % :
HER :
HXR :

Stable Carbon Isotopes

Saturates : -28.1
Total Oil : -28
Aromatics : -27.8
Residue :
Asphaltenes :
Kerogen :

STANDARD: NBS22 -29.8

N.B. ALKIND - $100 \times n\text{-C17} / (n\text{-C17} + n\text{-C27})$
 R22 - $2 \times n\text{-C22} / (n\text{-C21} + n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Sediment/Extract Analysis

Well name : 6305/7-1
 Suite name : 6305/7-1 Iatroscan Study
 Country Of Origin : Norway
 Depth (m) : 2949.6
 Sample name :
 Lab Number: 9809SED006S033

HPLC

Saturates %wt : 85.59
 Aromatics %wt : 12.50
 Residues %wt : 1.91

Asphaltenes (Micro Method) %wt :

Extraction

Sediment Weight (g) : 20.984

Total Soluble Extract Weight (g) : 0.16476

TSE %wt : 0.785

Saturates GC

Pristane/Phytane : 1.79
 Pristane/nC17 : 0.50
 Phytane/nC18 : 0.23
 CPI : 1.10
 ALKIND : 66.49
 R22 : 1.00

Biomarker Ratios

H1 : 0.42	S1 : 0.27	M2 : 0.76
H2 : 0.47	S2 : 0.37	M3 : 0.68
H3 : 0.85	S3 : 28:32:39	M4 : 44.96
H4 : 0	S4 : 33:33:32	M5 :
H5 : 100:64:31:14:7:6	S5 : 64.11	A1 : 0.02
H6 : 0.32	S6 :	A2 : 0.03
H7 : 0.50	S7 : 41.88	A3 : 0.43
H8 :	S8 : 12.70	A4 : 0.16
H9 :	S9 :	A5 : 0.59
H10 :	S10 :	A6 : 1.89
H11 : 7.13		MDR : 1.93
H12 : 16.08		MBP : 18.23
H13 : 25.90		
H14 : 10.96		
H15 : 0.00		
H16 : 0.00		
H17 : 44.34		
H18 : 21.03		

Light Hydrocarbons

MCH % :
 HER :
 HXR :

Stable Carbon Isotopes

Saturates : -28.1
 Total Oil : -27.9
 Aromatics : -27.7
 Residue :
 Asphaltenes :
 Kerogen :

STANDARD: NBS22 -29.8

N.B. ALKIND - $100 \cdot n\text{-C17}/(n\text{-C17}+n\text{-C27})$
 R22 - $2 \cdot n\text{-C22}/(n\text{-C21}+n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
 HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

APPENDIX - F
SIDEWALL CORE EXTRACTS

Sediment/Extract Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 SWC Source Screening
Country Of Origin : Norway
Depth (m) : 2850
Sample name :
Lab Number: 9812SED011S001

HPLC

Saturates %wt : 5.93
Aromatics %wt : 9.85
Residues %wt : 84.21

Extraction

Sediment Weight (g) : 1.257
Total Soluble Extract Weight (g) : 0.00072
TSE %wt : 0.057

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 0.12
Pristane/nC17 : 0.93
Phytane/nC18 : 1.88
CPI : 1.66
ALKIND : 27.90
R22 : 1.22

Biomarker Ratios

H1 : 0.33	S1 : 0.35	M2 : 0.77
H2 : 0.34	S2 : 0.45	M3 : 0.50
H3 : 0.82	S3 : 40:23:35	M4 : 78.77
H4 : 15	S4 : 45:24:30	M5 :
H5 : 100:98:28:12:6:1	S5 : 36.91	A1 : 0.76
H6 : 0.39	S6 :	A2 : 0.00
H7 : 0.36	S7 : 53.59	A3 : 0.00
H8 :	S8 : 0.00	A4 : 0.00
H9 :	S9 :	A5 : 0.84
H10 :	S10 :	A6 : 2.39
H11 : 13.40		MDR : 2.03
H12 : 17.10		MBP : 9.15
H13 : 3.94		
H14 : 1.87		
H15 : 0.00		
H16 : 0.00		
H17 : 19.79		
H18 : 0.00		

Light Hydrocarbons

MCH % :
HER :
HXR :

Stable Carbon Isotopes

Saturates :
Total Oil :
Aromatics :
Residue :
Asphaltenes :
Kerogen :

STANDARD:

N.B. ALKIND - $100 \cdot n\text{-C17} / (n\text{-C17} + n\text{-C27})$
 R22 - $2 \cdot n\text{-C22} / (n\text{-C21} + n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Sediment/Extract Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 SWC Source Screening
Country Of Origin : Norway
Depth (m) : 2910
Sample name :
Lab Number: 9812SED011S005

HPLC

Saturates %wt : 9.83
Aromatics %wt : 61.89
Residues %wt : 28.29

Asphaltenes (Micro Method) %wt :

Extraction

Sediment Weight (g) : 3.592

Total Soluble Extract Weight (g) : 0.00281

TSE %wt : 0.078

Saturates GC

Pristane/Phytane : 0.94
Pristane/nC17 : 2.34
Phytane/nC18 : 1.06
CPI : 1.89
ALKIND : 28.62
R22 : 1.04

Biomarker Ratios

H1 : 0.32	S1 : 0.30	M2 : 0.51
H2 : 0.35	S2 : 0.46	M3 : 0.31
H3 : 0.84	S3 : 40:22:36	M4 : 68.33
H4 : 13	S4 : 34:29:36	M5 :
H5 : 100:60:25:13:6:2	S5 : 36.45	A1 : 0.28
H6 : 0.31	S6 :	A2 : 0.00
H7 : 0.37	S7 : 52.41	A3 : 0.00
H8 :	S8 : 0.00	A4 : 0.00
H9 :	S9 :	A5 : 0.50
H10 :	S10 :	A6 : 1.52
H11 : 5.04		MDR : 1.96
H12 : 8.09		MBP : 11.84
H13 : 6.10		
H14 : 2.78		
H15 : 0.00		
H16 : 0.64		
H17 : 30.00		
H18 : 0.00		

Light Hydrocarbons

MCH % :
HER :
HXR :

Stable Carbon Isotopes

Saturates :
Total Oil :
Aromatics :
Residue :
Asphaltenes :
Kerogen :

STANDARD:

N.B. ALKIND - $100 \times \frac{n-C17}{(n-C17+n-C27)}$
 R22 - $2 \times \frac{n-C22}{(n-C21+n-C23)}$

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Sediment/Extract Analysis

Well name : 6305/7-1
 Suite name : 6305/7-1 SWC Source Screening
 Country Of Origin : Norway
 Depth (m) : 3024.5
 Sample name :
 Lab Number: 9812SED011S007

HPLC

Saturates %wt : 2.07
 Aromatics %wt : 75.88
 Residues %wt : 22.05

Extraction

Sediment Weight (g) : 2.625
 Total Soluble Extract Weight (g) : 0.02185
 TSE %wt : 0.832

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 0.27
 Pristane/nC17 : 0.38
 Phytane/nC18 : 1.04
 CPI : 1.09
 ALKIND : 56.52
 R22 : 0.86

Biomarker Ratios

H1 : 0.58	S1 : 0.52	M2 : 0.72
H2 : 0.40	S2 : 0.54	M3 : 0.45
H3 : 0.89	S3 : 38:22:38	M4 : 60.74
H4 : 0	S4 : 40:27:31	M5 :
H5 : 100:102:39:21:12:11	S5 : 0.00	A1 : 0.29
H6 : 0.38	S6 :	A2 : 0.00
H7 : 0.59	S7 : 49.75	A3 : 0.00
H8 :	S8 : 0.00	A4 : 0.00
H9 :	S9 :	A5 : 0.00
H10 :	S10 :	A6 : 2.65
H11 : 22.62		MDR : 0.00
H12 : 167.68		MBP : 5.42
H13 : 14.65		
H14 : 0.00		
H15 : 0.00		
H16 : 0.00		
H17 : 48.82		
H18 : 10.21		

Light Hydrocarbons

MCH % :
 HER :
 HXR :

Stable Carbon Isotopes

Saturates :
 Total Oil :
 Aromatics :
 Residue :
 Asphaltenes :
 Kerogen :

STANDARD:

N.B. ALKIND - $100 \cdot n\text{-C17} / (n\text{-C17} + n\text{-C27})$
 R22 - $2 \cdot n\text{-C22} / (n\text{-C21} + n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
 HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Sediment/Extract Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 SWC Source Screening
Country Of Origin : Norway
Depth (m) : 3041
Sample name :
Lab Number: 9812SED011S009

HPLC

Saturates %wt : 20.55
Aromatics %wt : 33.68
Residues %wt : 45.77

Extraction

Sediment Weight (g) : 4.7

Total Soluble Extract Weight (g) : 0.00238

TSE %wt : 0.051

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 0.97
Pristane/nC17 : 1.90
Phytane/nC18 : 0.89
CPI : 1.77
ALKIND : 18.49
R22 : 0.98

Biomarker Ratios

H1 : 0.33	S1 : 0.23	M2 : 0.62
H2 : 0.34	S2 : 0.30	M3 : 0.41
H3 : 0.87	S3 : 29:33:36	M4 : 76.15
H4 : 9	S4 : 32:32:35	M5 :
H5 : 100:68:22:12:4:1	S5 : 29.43	A1 : 0.05
H6 : 0.46	S6 :	A2 : 0.00
H7 : 0.46	S7 : 44.27	A3 : 0.00
H8 :	S8 : 0.00	A4 : 0.00
H9 :	S9 :	A5 : 0.60
H10 :	S10 :	A6 : 1.68
H11 : 1.98		MDR : 1.49
H12 : 6.26		MBP : 8.97
H13 : 0.00		
H14 : 0.00		
H15 : 0.00		
H16 : 0.00		
H17 : 25.35		
H18 : 0.00		

Light Hydrocarbons

MCH % :
HER :
HXR :

Stable Carbon Isotopes

Saturates :
Total Oil :
Aromatics :
Residue :
Asphaltenes :
Kerogen :

STANDARD:

N.B. ALKIND - $100 \times \frac{n-C17}{(n-C17+n-C27)}$ · HER - Heptane/Heptane+Methylcyclohexane
 R22 - $2 \times \frac{n-C22}{(n-C21+n-C23)}$ HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

APPENDIX - G
GAS CONDENSATES

Oil Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 Condensate
Country Of Origin : Norway
Depth (m) : 0
Sample name : DST1
Test Number : DST1
G number : G 3415
Lab Number: 9809OIL010S001

Inspection Properties

API :
Density @ 15 deg C :
Wax Content %wt :
Wax Melting Point deg C :
Pour Point deg C :
Viscosity cSt @ 20 deg C :
Total Acidity mg KOH/g :
Asphaltenes %wt (IP Method) :
Nitrogen ppm :
Sulphur %wt :
Nickel ppm :
Vanadium ppm :
Nickel/Vanadium :

Biomarker Ratios

H1 : 0.40	S1 : 0.27	M2 : 0.74
H2 : 0.45	S2 : 0.32	M3 : 0.50
H3 : 0.89	S3 : 40:27:32	M4 : 0.00
H4 : 0	S4 : 46:28:24	M5 :
H5 : 100:42:18:4:0:0	S5 : 75.54	A1 : 0.00
H6 : 0.39	S6 :	A2 : 0.00
H7 : 0.31	S7 : 55.78	A3 : 0.00
H8 :	S8 : 0.00	A4 : 0.00
H9 :	S9 :	A5 : 0.00
H10 :	S10 :	A6 : 0.00
H11 : 114.85		MDR : 3.07
H12 : 93.27		MBP : 7.36
H13 : 47.55		
H14 : 0.00		
H15 : 0.00		
H16 : 0.00		
H17 : 0.00		
H18 : 0.00		

HPLC

Saturates %wt : 97.84
Aromatics %wt : 2.05
Residues %wt : 0.11

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 3.31
Pristane/nC17 : 0.49
Phytane/nC18 : 0.19
CPI : 1.23
ALKIND : 98.76
R22 : 0.93

Light Hydrocarbons

MCH % : 48.1
HER : 0.32
HXR : 0.44

Stable Carbon Isotopes

Saturates : -27.6
Total Oil : -27.4
Aromatics : -27
Residue :
Asphaltenes :
STANDARD: NBS22 -29.8

N.B. ALKIND - $100 \cdot n\text{-C17}/(n\text{-C17}+n\text{-C27})$
 R22 - $2 \cdot n\text{-C22}/(n\text{-C21}+n\text{-C23})$

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Table 8.1

Oil Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 MDT Samples
Country Of Origin : Norway
Depth (m) : 2921
Sample name : 2921 mbrt ex MPSR BA-929
Test Number :
G number : G 3450
Lab Number: 9812OIL003S001

Inspection Properties

API :
Density @ 15 deg C :
Wax Content %wt :
Wax Melting Point deg C :
Pour Point deg C :
Viscosity cSt @ 20 deg C :
Total Acidity mg KOH/g :
Asphaltenes %wt (IP Method) :
Nitrogen ppm :
Sulphur %wt :
Nickel ppm :
Vanadium ppm :
Nickel/Vanadium :

Biomarker Ratios

H1 : 0.70	S1 : 0.61	M2 : 1.53
H2 : 0.46	S2 : 0.59	M3 : 1.21
H3 : 0.87	S3 : 58:17:24	M4 : 33.02
H4 : 0	S4 : 38:31:30	M5 :
H5 : 100:94:43:28:13:8	S5 : 54.32	A1 : 0.40
H6 : 0.47	S6 :	A2 : 0.12
H7 : 0.43	S7 : 70.50	A3 : 0.88
H8 :	S8 : 0.00	A4 : 0.69
H9 :	S9 :	A5 : 0.83
H10 :	S10 :	A6 : 1.22
H11 : 108.00		MDR : 21.15
H12 : 63.10		MBP : 13.56
H13 : 18.98		
H14 : 34.90		
H15 : 0.00		
H16 : 9.49		
H17 : 38.91		
H18 : 0.00		

HPLC

Saturates %wt : 96.96
Aromatics %wt : 0.85
Residues %wt : 2.19

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 2.49
Pristane/nC17 : 0.47
Phytane/nC18 : 0.24
CPI : 1.05
ALKIND : 94.02
R22 : 0.95

Light Hydrocarbons

MCH % : 58.6
HER : 0.26
HXR : 0.21

Stable Carbon Isotopes

Saturates : -27.8
Total Oil : -27.7
Aromatics : -26.8
Residue :
Asphaltenes :
STANDARD: NBS22 -29.8

N.B. ALKIND - 100*n-C17/(n-C17+n-C17)
 R22 - 2*n-C22/(n-C21+n-C23)

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Table 8.2

Oil Analysis

Well name : 6305/7-1
Suite name : 6305/7-1 MDT Samples
Country Of Origin : Norway
Depth (m) : 2937
Sample name : 2937mbrt ex MPSR BA-927
Test Number :
G number : G 3451
Lab Number: 9812OIL003S002

Inspection Properties

API :
Density @ 15 deg C :
Wax Content %wt :
Wax Melting Point deg C :
Pour Point deg C :
Viscosity cSt @ 20 deg C :
Total Acidity mg KOH/g :
Asphaltenes %wt (IP Method) :
Nitrogen ppm :
Sulphur %wt :
Nickel ppm :
Vanadium ppm :
Nickel/Vanadium :

Biomarker Ratios

H1 : 0.59	S1 : 0.35	M2 : 0.57
H2 : 0.42	S2 : 0.42	M3 : 0.40
H3 : 0.88	S3 : 45:24:30	M4 : 60.71
H4 : 0	S4 : 43:29:26	M5 :
H5 : 100:93:36:22:14:9	S5 : 75.86	A1 : 0.00
H6 : 0.34	S6 :	A2 : 0.00
H7 : 0.59	S7 : 60.27	A3 : 1.00
H8 :	S8 : 0.00	A4 : 1.00
H9 :	S9 :	A5 : 1.00
H10 :	S10 :	A6 : 1.00
H11 : 108.86		MDR : 2.09
H12 : 56.92		MBP : 8.76
H13 : 14.79		
H14 : 2.19		
H15 : 0.00		
H16 : 0.00		
H17 : 41.23		
H18 : 0.00		

HPLC

Saturates %wt : 94.37
Aromatics %wt : 0.75
Residues %wt : 4.88

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane : 3.28
Pristane/nC17 : 0.51
Phytane/nC18 : 0.20
CPI : 1.16
ALKIND : 99.14
R22 : 0.91

Light Hydrocarbons

MCH % : 45.6
HER : 0.32
HXR : 0.49

Stable Carbon Isotopes

Saturates : -27.6
Total Oil : -27.5
Aromatics : -27.4
Residue :
Asphaltenes :

STANDARD: NBS22 -29.8

N.B. ALKIND - 100*n-C17/(n-C17+n-C27)
 R22 - 2*n-C22/(n-C21+n-C23)

HER - Heptane/Heptane+Methylcyclohexane
HXR - Hexane/Hexane+cyclohexane
MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

Table 8.3

APPENDIX - H
DRILLING MUD EXTRACTS

Oil Analysis

Well name : 6305/7-1
 Suite name : 6305/7-1 Mud Extract
 Country Of Origin : Norway
 Depth (m) : 3000
 Sample name : Mud Extract
 Test Number :
 G number : G 3427
 Lab Number: 9811OIL001S001

Inspection Properties

API :
 Density @ 15 deg C :
 Wax Content %wt :
 Wax Melting Point deg C :
 Pour Point deg C :
 Viscosity cSt @ 20 deg C :
 Total Acidity mg KOH/g :
 Asphaltenes %wt (IP Method) :
 Nitrogen ppm :
 Sulphur %wt :
 Nickel ppm :
 Vanadium ppm :
 Nickel/Vanadium :

Biomarker Ratios

H1 : 0.61	S1 : 0.56	M2 : 0.77
H2 : 0.47	S2 : 0.57	M3 : 0.44
H3 : 0.92	S3 : 41:21:36	M4 : 58.64
H4 : 0	S4 : 34:29:36	M5 :
H5 : 100:99:58:43:24:23	S5 :	A1 : 0.33
H6 : 0.39	S6 :	A2 : 0.24
H7 : 0.55	S7 : 53.35	A3 : 0.18
H8 :	S8 : 0.00	A4 : 0.11
H9 :	S9 :	A5 : 0.23
H10 :	S10 :	A6 : 0.99
H11 : 24.54		MDR : 1.89
H12 : 17.53		MBP : 7.98
H13 : 11.89		
H14 : 0.00		
H15 : 0.00		
H16 : 0.00		
H17 : 49.28		
H18 : 18.86		

HPLC

Saturates %wt :
 Aromatics %wt :
 Residues %wt :

Asphaltenes (Micro Method) %wt :

Saturates GC

Pristane/Phytane :
 Pristane/nC17 :
 Phytane/nC18 :
 CPI :
 ALKIND :
 R22 :

Light Hydrocarbons

MCH % :
 HER :
 HXR :

Stable Carbon Isotopes

Saturates : -28.9
 Total Oil : -28.4
 Aromatics : -28.9
 Residue :
 Asphaltenes :
 STANDARD: NBS22 -29.8

N.B. ALKIND - 100*n-C17/(n-C17+n-C27)
 R22 - 2*n-C22/(n-C21+n-C23)

HER - Heptane/Heptane+Methylcyclohexane
 HXR - Hexane/Hexane+cyclohexane
 MCH% - Methylcyclohexane as Percentage of Saturates C7 Components

APPENDIX - J
PEAK AREA DATA

Software Version: 4.1<OG07>
 Date: 25/09/98 14:25
 Sample Name: 63057-1 DST1 G3415
 Data File: C:_DATA\B9809010\WOGC001.RAW Date: 25/09/98 09:49
 Sequence File: C:_DATA\B9809010\WOGC_1.SEQ Cycle: 2 Channel: A
 Instrument: WHOLE_OILS_GC Rack/Vial: 0 0 Operator: mpd
 Sample Amount: 1 tion Factor: 1

Whole Oil GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
Propane	2.236	27820.4	0.11
2-methylpropane	2.958	59305.6	0.25
n-butane	3.574	169531	0.7
2-methylbutane	5.302	381468.4	1.58
n-pentane	6.015	523538.3	2.16
DCM	6.605	0	0
2,2-dimethylbutane	6.878	63157.4	0.26
Cyclopentane	7.557	78202.7	0.32
2,3-dimethylbutane	7.687	106440.7	0.44
2-methylpentane	7.875	508548.8	2.1
3-methylpentane	8.221	326882.9	1.35
n-hexane	8.741	999289.6	4.13
methylcyclopentane	9.312	699431.7	2.89
2,4-dimethylpentane	9.478	77227.89	0.32
Benzene	9.884	98828.4	0.41
cyclohexane	10.152	1259184	5.2
2-methylhexane + 1,2-DMP	10.476	682654.4	2.82
3-methylhexane	10.692	451832.8	1.87
1,3-cis-dimethylcyclopentane	10.782	156216.1	0.65
1,3-trans-dimethylcyclopentane	10.846	135046.7	0.56
1,2-trans-dimethylcyclopentane	10.919	299216.1	1.24
n-heptane	11.356	1437492	5.94
methylcyclohexane	11.787	3121465	12.9
ethylcyclopentane	11.994	126703.5	0.52
Toluene	12.557	666124.2	2.75
n-Octane	13.704	1647395	6.81
n-Nonane	15.856	1474867	6.1
n-Decane	17.824	1251769	5.17
n-C11	19.647	1177554	4.87
n-C12	21.343	998615.6	4.13
n-C13	22.933	938888.5	3.88
n-C14	24.426	867857.1	3.59
n-C15	25.826	755485.7	3.12
n-C16	27.146	599538.9	2.48
n-C17	28.397	478922.6	1.98
Pristane	28.513	254242.5	1.05
n-C18	29.582	372940.3	1.54
Phytane	29.724	73975.77	0.31
n-C19	30.71	295153.8	1.22
n-C20	31.786	192835.5	0.8
n-C21	32.816	136686.2	0.56
n-C22	33.806	86560.39	0.36
n-C23	34.757	53926.7	0.22
n-C24	35.675	32742.33	0.14
n-C25	36.563	19777.1	0.08
n-C26	37.428	11123.33	0.05
n-C27	38.309	7256.4	0.03
n-C28	39.198	3458.6	0.01
n-C29	40.128	1807.8	0.01
n-C30	41.124	989.08	0
n-C31	42.213	490	0
n-C32	43.537	1800.6	0.01
n-C33	44.806	0	0
n-C34	46.397	0	0
n-C35	48.239	0	0
n-C36	50.396	0	0
		24192268	100

Batch Code 9809OIL010S001
 Data File C:_DATA\B9809010\WOGC001.RAW
 MCH (MeCyC6 as % all C7 alkanes) 48.11
 HER (Heptane/(Hp+MeCyC6)) 0.32
 HDR (Hexane/(Hx+CyC6)) 0.44
 Thompson's Heptane Ratio 19.06
 Thompson's Iso Heptane Index 1.92
 Note: -1 denotes not calculated

Software Version: 4.1<OG07>
 Date: 07/12/98 11:14
 Sample Name: 6305/7-1 2921m MDT C3450
 Data File: C:_DATA\B9812003\WOGC001.RAW Date: 07/12/98 09:02
 Sequence File: C:_DATA\B9812003\WOGC.SEQ Cycle: 2 Channel: A
 Instrument: WHOLE_OILS_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 tion Factor: 1

Whole Oil GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
Propane	1.54	228.33	0
2-methylpropane	2.132	0	0
n-butane	2.536	143.5	0
2-methylbutane	4.173	52.8	4.00E-04
n-pentane	4.834	55.8	4.00E-04
DCM	5.345	0	0
2,2-dimethylbutane	5.645	49.9	4.00E-04
Cyclopentane	6.274	48.6	3.00E-04
2,3-dimethylbutane	6.403	185.6	0
2-methylpentane	6.568	894.2	0.01
3-methylpentane	6.9	868	0.01
n-hexane	7.374	3169.4	0.02
methylcyclopentane	7.903	3893.8	0.03
2,4-dimethylpentane	8.109	584.39	0
Benzene	8.51	79.3	6.00E-04
cyclohexane	8.663	11681	0.08
2-methylhexane + 1,2-DMP	9.033	9422	0.07
3-methylhexane	9.229	7076.5	0.05
1,3-cis-dimethylcyclopentane	9.307	2537.3	0.02
1,3-trans-dimethylcyclopentane	9.368	2481.7	0.02
1,2-trans-dimethylcyclopentane	9.435	5429.88	0.04
n-heptane	9.824	31405.4	0.22
methylcyclohexane	10.166	89165.9	0.63
ethylcyclopentane	10.458	4135.27	0.03
Toluene	10.982	18236.83	0.13
n-Octane	12.085	170437.3	1.2
n-Nonane	14.169	601929.6	4.25
n-Decane	16.089	1078515	7.62
n-C11	17.866	1390834	9.83
n-C12	19.518	1512851	10.69
n-C13	21.064	1488660	10.52
n-C14	22.515	1360269	9.61
n-C15	23.873	1296441	9.16
n-C16	25.154	1066132	7.54
n-C17	26.365	836242.5	5.91
Pristane	26.473	399818	2.83
n-C18	27.512	670589.9	4.74
Phytane	27.641	136399.9	0.96
n-C19	28.604	518080.5	3.66
n-C20	29.641	365269.2	2.58
n-C21	30.633	262972.1	1.86
n-C22	31.58	184608.2	1.3
n-C23	32.491	140466.8	0.99
n-C24	33.366	100194.6	0.71
n-C25	34.209	82943.7	0.59
n-C26	35.021	62640.13	0.44
n-C27	35.805	48683.8	0.34
n-C28	36.562	39550.62	0.28
n-C29	37.296	31384.68	0.22
n-C30	38.048	23997.78	0.17
n-C31	38.84	22465.66	0.16
n-C32	39.692	19711.5	0.14
n-C33	40.63	17244.52	0.12
n-C34	41.684	12050.94	0.09
n-C35	42.889	8301.3	0.06
n-C36	44.275	7277	0.05
		14148788	100

Batch Code 9812OIL003S001
 Data File C:_DATA\B9812003\WOGC001.RAW
 MCH (MeCyC6 as % all C7 alkanes) 58.57
 HER (Heptane/(Hp+MeCyC6)) 0.26
 HXR (Hexane/(Hx+CyC6)) 0.21
 Thompson's Heptane Ratio 19.73
 Thompson's Iso Heptane Index 1.58
 Note: -1 denotes not calculated

Software Version: 4.1<OG07>
 Date: 07/12/98 11:16
 Sample Name: 63057-1 2937m MDT G3451
 Data File: C:_DATA\B9812003\WOGC002.RAW Date: 04/12/98 16:30
 Sequence File: C:_DATA\B9812003\WOGC.SEQ Cycle: 3 Channel: A
 Instrument: WHOLE_OILS_GC Rack/Vial: 0 Operator:
 Sample Amount: 1 tion Factor: 1

Whole Oil GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
Propane	1.555	338743	1.97
2-methylpropane	2.129	360811.9	2.1
n-butane	2.654	742606	4.32
2-methylbutane	4.196	828927	4.83
n-pentane	4.856	919688.2	5.36
DCM	5.352	153606.1	0.89
2,2-dimethylbutane	5.653	85029	0.5
Cyclopentane	6.278	94984.8	0.55
2,3-dimethylbutane	6.413	119667.2	0.7
2-methylpentane	6.597	551470	3.21
3-methylpentane	6.922	331871.4	1.93
n-hexane	7.415	918109.2	5.35
methylcyclopentane	7.934	601366.6	3.5
2,4-dimethylpentane	8.12	62362.56	0.36
Benzene	8.482	80349	0.47
cyclohexane	8.708	971134.9	5.65
2-methylhexane + 1,2-DMP	9.058	478231.4	2.78
3-methylhexane	9.26	306977.6	1.79
1,3-cis-dimethylcyclopentane	9.327	117009.2	0.68
1,3-trans-dimethylcyclopentane	9.388	105599.2	0.61
1,2-trans-dimethylcyclopentane	9.457	211695.8	1.23
n-heptane	9.879	909809.6	5.3
methylcyclohexane	10.236	1897345	11.05
ethylcyclopentane	10.471	75849.82	0.44
Toluene	11.001	395708	2.3
n-Octane	12.12	780294.7	4.54
n-Nonane	14.18	753241.8	4.39
n-Decane	16.073	615439.4	3.58
n-C11	17.834	532752.3	3.1
n-C12	19.477	470204.4	2.74
n-C13	21.015	421154.9	2.45
n-C14	22.461	372417.2	2.17
n-C15	23.82	357780.1	2.08
n-C16	25.103	289695.2	1.69
n-C17	26.317	234095.9	1.36
Pristane	26.431	128025.6	0.75
n-C18	27.469	180356.8	1.05
Phytane	27.612	35572.3	0.21
n-C19	28.564	136102.4	0.79
n-C20	29.607	81682.8	0.48
n-C21	30.606	49918	0.29
n-C22	31.561	30078.4	0.18
n-C23	32.477	17396.54	0.1
n-C24	33.358	10468.52	0.06
n-C25	34.203	5162.99	0.03
n-C26	35.017	2107.2	0.01
n-C27	35.801	1052.3	0.01
n-C28	36.56	1018.64	0.01
n-C29	37.293	7198.48	0.04
n-C30	38.048	127.5	7.00E-04
n-C31	38.829	197.4	0
n-C32	39.677	169.8	1.00E-03
n-C33	40.74	221.4	0
n-C34	41.91	347.2	0
n-C35	42.869	122.5	7.00E-04
n-C36	44.291	0	0
		17173356	100

Batch Code 9812OIL003S002
 Data File C:_DATA\B9812003\WOGC002.RAW
 MCH (MeCyC6 as % all C7 alkanes) 45.56
 HER (Heptane/(Hp+MeCyC6)) 0.32
 HXR (Hexane/(Hx+CyC6)) 0.49
 Thompson's Heptane Ratio 18.20
 Thompson's Iso Heptane Index 1.81
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 19/01/99 08:33
 Sample Name: 6305/7-1 2850m
 Data File: C:_DATA\B9812011\SAC001.RAW Date: 18/01/99 10:24
 Sequence File: C:_DATA\B9812011\SAC_GC.SEQ Cycle: 2 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
N-C9	3.64	0	0
N-C10	4.027	0	0
N-C11	5.233	5190.3	0
N-C12	6.583	103982.1	4.08
N-C13	7.977	372943	14.65
N-C14	9.339	310670.7	12.2
N-C15	10.63	68374	2.69
N-C16	11.896	128108.6	5.03
N-C17	13.078	45457.8	1.79
PRISTANE	13.198	42186.7	0
N-C18	14.243	188900.4	7.42
PHYTANE	14.407	355123.8	0
N-C19	15.308	82935	3.26
N-C20	16.351	115761.5	4.55
N-C21	17.344	116657.2	4.58
N-C22	18.297	137826.8	5.41
N-C23	19.207	109911	4.32
N-C24	20.082	87949.93	3.45
N-C25	20.923	91099.1	3.58
N-C26	21.73	67871.48	2.67
N-C27	22.513	117450.4	4.61
N-C28	23.263	61295.8	2.41
N-C29	23.995	98151	3.85
N-C30	24.691	35145.1	1.38
N-C31	25.385	54133.4	2.13
N-C32	25.917	26624.8	1.05
N-C33	26.899	29070.36	1.14
N-C34	27.851	32267.39	1.27
N-C35	28.744	11115.74	0.44
N-C36	29.661	52466.8	2.06
		2948670	100

Batch Code 9812SED011S001
 Data File C:_DATA\B9812011\SAC001.RAW
 CPI (24 to 32) 1.66
 Pr/Ph Ratio 0.12
 Pr/n-C17 0.93
 Ph/n-C18 1.88
 Alkane Index (C17/(C17+C27))% 27.90
 R22 Index $2 * C22 / (C21 + C23)$ 1.22
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 19/01/99 08:34
 Sample Name: 6305/7-1 2910m
 Data File: C:_DATA\B9812011\SAC005.RAW Date: 18/01/99 11:25
 Sequence File: C:_DATA\B9812011\SAC_GC.SEQ Cycle: 3 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
N-C9	3.64	0	0
N-C10	4.027	0	0
N-C11	5.314	772.87	0
N-C12	6.583	7513.42	0.42
N-C13	7.958	32167	1.8
N-C14	9.322	79219.2	4.44
N-C15	10.628	52197.2	2.92
N-C16	11.888	74165.89	4.15
N-C17	13.079	65082.23	3.64
PRISTANE	13.208	152457.2	0
N-C18	14.229	153124.4	8.58
PHYTANE	14.39	161843.5	0
N-C19	15.306	78976.7	4.42
N-C20	16.345	93225.24	5.22
N-C21	17.339	80358.69	4.5
N-C22	18.29	81740.98	4.58
N-C23	19.203	76463.7	4.28
N-C24	20.079	66407.01	3.72
N-C25	20.924	85338.6	4.78
N-C26	21.733	69397.14	3.89
N-C27	22.522	162319	9.09
N-C28	23.271	80439.2	4.5
N-C29	24.007	145481.8	8.15
N-C30	24.7	44886.6	2.51
N-C31	25.395	85754.47	4.8
N-C32	25.931	51996.1	2.91
N-C33	26.908	48542.72	2.72
N-C34	27.859	29905.38	1.67
N-C35	28.755	14819.8	0.83
N-C36	29.667	26178.6	1.47
		2100775	100

Batch Code 9812SED011S005
 Data File C:_DATA\B9812011\SAC005.RAW
 CPI (24 to 32) 1.89
 Pr/Ph Ratio 0.94
 Pr/n-C17 2.34
 Ph/n-C18 1.06
 Alkane Index (C17/(C17+C27)% 28.62
 R22 Index 2*C22/(C21+C23) 1.04
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 02/11/98 09:08
 Sample Name: 6305/7-1 2917.5m
 Data File: C:_DATA\B9809006\SAC001.RAW Date: 30/10/98 10:30
 Sequence File: C:_DATA\B9809006\SAC_GC1.SE Cycle: 2 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.36	0	0
N-C11	6.953	253442.6	0
N-C12	8.433	49074.8	0.63
N-C13	9.937	83535.7	1.08
N-C14	11.367	202202.7	2.61
N-C15	12.714	335452.1	4.34
N-C16	13.989	517789.6	6.69
N-C17	15.19	521649	6.74
PRISTANE	15.309	419474.8	0
N-C18	16.335	644878	8.34
PHYTANE	16.482	288651.7	0
N-C19	17.422	673187.6	8.7
N-C20	18.464	683819.9	8.84
N-C21	19.46	745589.8	9.64
N-C22	20.411	759916.7	9.82
N-C23	21.32	705139	9.12
N-C24	22.191	553021.4	7.15
N-C25	23.026	468605.8	6.06
N-C26	23.829	269627	3.49
N-C27	24.604	190508.4	2.46
N-C28	25.353	119974.4	1.55
N-C29	26.08	82693.1	1.07
N-C30	26.78	37490.6	0.48
N-C31	27.478	34941.64	0.45
N-C32	28.215	19852.8	0.26
N-C33	29.016	17005.8	0.22
N-C34	29.99	9859.5	0.13
N-C35	30.896	5813.78	0.08
N-C36	32.035	4088.35	0.05
		8697286	100

Batch Code 9809SED006S001
 Data File C:_DATA\B9809006\SAC001.RAW
 CPI (24 to 32) 1.27
 Pr/Ph Ratio 1.45
 Pr/n-C17 0.80
 Ph/n-C18 0.45
 Alkane Index (C17/(C17+C27))% 73.25
 R22 Index 2*C22/(C21+C23) 1.05
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 02/11/98 09:09
 Sample Name: 6305/7-1 2925.2m
 Data File: C:_DATA\B9809006\SAC009.RAW Date: 30/10/98 11:23
 Sequence File: C:_DATA\B9809006\SAC_GC1.SE Cycle: 3 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.36	0	0
N-C11	6.931	77199.2	0
N-C12	8.409	27034.3	0.55
N-C13	9.912	35336.9	0.73
N-C14	11.337	80609.6	1.65
N-C15	12.682	131455.8	2.7
N-C16	13.955	202103.2	4.15
N-C17	15.161	232787.8	4.78
PRISTANE	15.281	182194	0
N-C18	16.31	309496.5	6.35
PHYTANE	16.461	127397.4	0
N-C19	17.401	344938	7.08
N-C20	18.445	402373.4	8.26
N-C21	19.444	533662.6	10.95
N-C22	20.4	627053.5	12.87
N-C23	21.312	589066	12.09
N-C24	22.182	432616.8	8.88
N-C25	23.017	354659.7	7.28
N-C26	23.821	200459.4	4.11
N-C27	24.599	143459.8	2.94
N-C28	25.346	90084.8	1.85
N-C29	26.074	57476.6	1.18
N-C30	26.776	25447.6	0.52
N-C31	27.471	17824.6	0.37
N-C32	28.211	11634.1	0.24
N-C33	29.017	10467.4	0.21
N-C34	29.987	6313.2	0.13
N-C35	30.894	3351.33	0.07
N-C36	32.032	2601.59	0.05
		5259105	100

Batch Code 9809SED006S009
 Data File C:_DATA\B9809006\SAC009.RAW
 CPI (24 to 32) 1.26
 Pr/Ph Ratio 1.43
 Pr/n-C17 0.78
 Ph/n-C18 0.41
 Alkane Index (C17/(C17+C27))% 61.87
 R22 Index 2*C22/(C21+C23) 1.12
 Note: -1 denotes not calculated

Software Version 4.1<0G07>

Date: 02/11/98 09:10

Sample Name: 630577-1 2934.55m

Data File: C:_DATA\B9809006\SAC018.RAW Date: 30/10/98 12:16

Sequence File: C:_DATA\B9809006\SAC_GC1.SE Cycle: 4 Channel: A

Instrument: SAC_GC Rack/Vial: 0 0 Operator:

Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.36	0	0
N-C11	6.932	139091.2	0
N-C12	8.41	10385.1	0.13
N-C13	9.911	28768.6	0.35
N-C14	11.341	176605	2.14
N-C15	12.697	503861.4	6.1
N-C16	13.982	870526	10.54
N-C17	15.187	800444.8	9.69
PRISTANE	15.307	629252.6	0
N-C18	16.327	660554	8
PHYTANE	16.473	272332.9	0
N-C19	17.411	557755.8	6.75
N-C20	18.454	569422.4	6.89
N-C21	19.451	695770.6	8.42
N-C22	20.405	736739	8.92
N-C23	21.316	679595.2	8.23
N-C24	22.186	509566	6.17
N-C25	23.022	464063.3	5.62
N-C26	23.828	282055.1	3.41
N-C27	24.605	223678.9	2.71
N-C28	25.354	156208.2	1.89
N-C29	26.082	116903.2	1.42
N-C30	26.781	63103.9	0.76
N-C31	27.479	60621.1	0.73
N-C32	28.218	32860.4	0.4
N-C33	29.019	29754.2	0.36
N-C34	29.901	16449.9	0.2
N-C35	30.899	9576	0.12
N-C36	32.038	6404.25	0.08
		9302349	100

Batch Code	9809SED006S018
Data File	C:_DATA\B9809006\SAC018.RAW
CPI (24 to 32)	1.24
Pr/Ph Ratio	2.31
Pr/n-C17	0.79
Ph/n-C18	0.41
Alkane Index (C17/(C17+C27))%	78.16
R22 Index 2*C22/(C21+C23)	1.07

Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 13/10/98 15:33
 Sample Name: 6305/7-1 2948.45M
 Data File: C:_DATA\B9809006\SAC032.RAW Date: 13/10/98 09:18
 Sequence File: C:_DATA\B9809006\SAC_GC.SEQ Cycle: 2 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.322	48224.2	0
N-C11	6.902	0	0
N-C12	8.48	0	0
N-C13	9.915	21664.6	0.41
N-C14	11.339	68443.3	1.31
N-C15	12.687	155326.8	2.97
N-C16	13.961	236045.7	4.52
N-C17	15.171	325772.7	6.23
PRISTANE	15.287	176626.7	0
N-C18	16.318	399023.4	7.64
PHYTANE	16.461	82833.35	0
N-C19	17.412	482040.5	9.22
N-C20	18.454	492918.9	9.43
N-C21	19.45	501932.5	9.61
N-C22	20.4	482559.8	9.23
N-C23	21.313	449360.1	8.6
N-C24	22.187	372218.4	7.12
N-C25	23.027	325815.2	6.24
N-C26	23.836	250373.2	4.79
N-C27	24.618	216236.2	4.14
N-C28	25.369	167537	3.21
N-C29	26.101	132923.4	2.54
N-C30	26.804	63022.8	1.21
N-C31	27.502	42035.3	0.8
N-C32	28.246	19047.6	0.36
N-C33	29.055	13330.2	0.26
N-C34	29.946	3712.3	0.07
N-C35	30.952	2600.38	0.05
N-C36	32.106	1578.38	0.03
		5533203	100

Batch Code 9809SED006S032
 Data File C:_DATA\B9809006\SAC032.RAW
 CPI (24 to 32) 1.14
 Pr/Ph Ratio 2.13
 Pr/n-C17 0.54
 Ph/n-C18 0.21
 Alkane Index (C17/(C17+C27))% 60.10
 R22 Index 2*C22/(C21+C23) 1.01
 Note: -1 denotes not calculated

Software Version 4.1<OG07>

Date: 13/10/98 15:34

Sample Name: 6305/7-1 2949.6M

Data File: C:_DATA\B9809006\SAC033.RAW Date: 13/10/98 10:11

Sequence File: C:_DATA\B9809006\SAC_GC.SEQ Cycle: 3 Channel: A

Instrument: SAC_GC Rack/Vial: 0 0 Operator:

Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.325	72350.4	0
N-C11	6.902	0	0
N-C12	8.413	8163.7	0.07
N-C13	9.918	62005.5	0.5
N-C14	11.347	201200.8	1.63
N-C15	12.701	454700.2	3.68
N-C16	13.98	698590	5.65
N-C17	15.194	895209.2	7.24
PRISTANE	15.306	443518.3	0
N-C18	16.344	1086651	8.79
PHYTANE	16.476	247467.1	0
N-C19	17.442	1209926	9.79
N-C20	18.481	1189355	9.62
N-C21	19.477	1146424	9.27
N-C22	20.425	1041917	8.43
N-C23	21.337	945771.2	7.65
N-C24	22.209	798518.4	6.46
N-C25	23.049	657785.1	5.32
N-C26	23.854	524390.6	4.24
N-C27	24.634	451245.6	3.65
N-C28	25.387	346258.6	2.8
N-C29	26.114	277182.4	2.24
N-C30	26.815	166512.6	1.35
N-C31	27.512	105328.9	0.85
N-C32	28.252	41151.7	0.33
N-C33	29.059	31202.4	0.25
N-C34	29.953	13490.6	0.11
N-C35	30.957	5942.47	0.05
N-C36	32.102	3941.51	0.03
		13126201	100

Batch Code	9809SED006S033
Data File	C:_DATA\B9809006\SAC033.RAW
CPI (24 to 32)	1.10
Pr/Ph Ratio	1.79
Pr/n-C17	0.50
Ph/n-C18	0.23
Alkane Index (C17/(C17+C27))%	66.49
R22 Index 2*C22/(C21+C23)	1.00

Note: -1 denotes not calculated

Software Version 4.1<OG07>

Date: 19/01/99 08:31

Sample Name: 6305/7-1 3024.5m

Data File: C:_DATA\B9812011\SAC007.RAW Date: 18/01/99 14:36

Sequence File: C:_DATA\B9812011\SAC_GC.SEQ Cycle: 4 Channel: A

Instrument: SAC_GC Rack/Vial: 0 0 Operator:

Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [$\mu\text{V}\cdot\text{s}$]	Amount [%]
N-C9	3.64	0	0
N-C10	4.027	0	0
N-C11	5.244	0	0
N-C12	6.595	0	0
N-C13	7.98	0	0
N-C14	9.342	0	0
N-C15	10.624	13625.2	0.44
N-C16	11.887	100029.5	3.27
N-C17	13.097	227521.3	7.43
PRISTANE	13.211	86526.71	0
N-C18	14.244	307397.2	10.04
PHYTANE	14.407	320405	0
N-C19	15.328	221278.5	7.22
N-C20	16.366	185239.3	6.05
N-C21	17.365	211541.8	6.91
N-C22	18.315	149174.4	4.87
N-C23	19.227	134192.5	4.38
N-C24	20.104	100880.3	3.29
N-C25	20.953	83794.6	2.74
N-C26	21.77	89166.58	2.91
N-C27	22.567	175062.7	5.72
N-C28	23.319	129752.5	4.24
N-C29	24.042	144008.2	4.7
N-C30	24.958	106809.4	3.49
N-C31	25.427	63890.85	2.09
N-C32	25.973	103858.8	3.39
N-C33	26.956	76093.27	2.48
N-C34	27.916	201460.7	6.58
N-C35	28.595	189319.7	6.18
N-C36	29.74	48616.8	1.59
		3469646	100

Batch Code	9812SED011S007
Data File	C:_DATA\B9812011\SAC007.RAW
CPI (24 to 32)	1.09
Pr/Ph Ratio	0.27
Pr/n-C17	0.38
Ph/n-C18	1.04
Alkane Index (C17/(C17+C27))%	56.52
R22 Index 2*C22/(C21+C23)	0.86

Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 19/01/99 08:36
 Sample Name: 6305/7-1 3041m
 Data File: C:_DATA\B9812011\SAC009.RAW Date: 18/01/99 15:37
 Sequence File: C:_DATA\B9812011\SAC_GC.SEQ Cycle: 5 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.64	0	0
N-C10	4.027	0	0
N-C11	5.244	0	0
N-C12	6.58	346.59	0.01
N-C13	7.957	334.35	0.01
N-C14	9.314	2081.86	0.04
N-C15	10.624	24371.8	0.45
N-C16	11.886	103178.8	1.9
N-C17	13.086	131278.9	2.42
PRISTANE	13.216	249845.8	0
N-C18	14.239	288535.3	5.31
PHYTANE	14.399	256354.4	0
N-C19	15.321	212333.6	3.91
N-C20	16.364	208627.6	3.84
N-C21	17.362	231934	4.27
N-C22	18.317	264659.1	4.87
N-C23	19.235	309219	5.69
N-C24	20.112	266276.7	4.9
N-C25	20.966	517059.7	9.52
N-C26	21.773	307806.4	5.67
N-C27	22.575	578648.9	10.65
N-C28	23.316	323629.6	5.96
N-C29	24.059	616941.2	11.36
N-C30	24.742	180878.2	3.33
N-C31	25.44	217844.8	4.01
N-C32	25.986	293527.9	5.4
N-C33	26.874	171749.3	3.16
N-C34	27.802	56697.68	1.04
N-C35	28.779	58692	1.08
N-C36	29.689	65109.03	1.2
		5937963	100

Batch Code 9812SED011S009
 Data File C:_DATA\B9812011\SAC009.RAW
 CPI (24 to 32) 1.77
 Pr/Ph Ratio 0.97
 Pr/n-C17 1.90
 Ph/n-C18 0.89
 Alkane Index (C17/(C17+C27))% 18.49
 R22 Index 2*C22/(C21+C23) 0.98
 Note: -1 denotes not calculated

Software Version 4.1<OG07>

Date: 13/10/98 14:48

Sample Name: 6305/7-1 DST1 G3415

Data File: C:_DATA\B9809010\SAC001.RAW Date: 12/10/98 17:01

Sequence File: C:_DATA\B9809010\SAC_GC.SEQ Cycle: 2 Channel: A

Instrument: SAC_GC Rack/Vial: 0 0 Operator:

Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V·s]	Amount [%]
N-C9	3.852	12467.8	0
N-C10	5.272	302673.4	0
N-C11	6.857	728366.2	0
N-C12	8.44	947555.3	13.93
N-C13	9.949	959825.5	14.11
N-C14	11.376	961012.5	14.13
N-C15	12.72	898583.8	13.21
N-C16	13.987	786678.4	11.57
N-C17	15.189	630710.5	9.27
PRISTANE	15.3	306964.5	0
N-C18	16.327	487150.9	7.16
PHYTANE	16.467	92638.94	0
N-C19	17.411	385622	5.67
N-C20	18.446	272287.6	4
N-C21	19.436	179645.6	2.64
N-C22	20.382	118045	1.74
N-C23	21.293	73751	1.08
N-C24	22.168	42287.2	0.62
N-C25	23.009	27247	0.4
N-C26	23.821	15038	0.22
N-C27	24.605	7947.4	0.12
N-C28	25.359	4347.79	0.06
N-C29	26.091	2000.6	0.03
N-C30	26.802	826.79	0.01
N-C31	27.5	518.41	0.01
N-C32	28.416	0	0
N-C33	29.24	0	0
N-C34	30.135	0	0
N-C35	31.163	0	0
N-C36	32.329	0	0
		8244192	100

Batch Code	9809OIL010S001
Data File	C:_DATA\B9809010\SAC001.RAW
CPI (24 to 32)	1.23
Pr/Ph Ratio	3.31
Pr/n-C17	0.49
Ph/n-C18	0.19
Alkane Index (C17/(C17+C27))%	98.76
R22 Index 2*C22/(C21+C23)	0.93

Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 18/12/98 13:51
 Sample Name: 6305/7-1 2921m MDT G3450
 Data File: C:_DATA\B9812003\SAC001.RAW Date: 18/12/98 11:39
 Sequence File: C:_DATA\B9812003\SAC_GC.SEQ Cycle: 2 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [$\mu\text{V}\cdot\text{s}$]	Amount [%]
N-C9	3.64	0	0
N-C10	4.027	0	0
N-C11	5.246	45964.8	0
N-C12	6.601	385427	4.27
N-C13	7.999	922525.1	10.21
N-C14	9.37	1125703	12.46
N-C15	10.683	1243609	13.77
N-C16	11.936	1168616	12.94
N-C17	13.128	979074.2	10.84
PRISTANE	13.238	456786.9	0
N-C18	14.262	778177.2	8.61
PHYTANE	14.396	183415.2	0
N-C19	15.34	642847.7	7.12
N-C20	16.371	455268.5	5.04
N-C21	17.357	324754.8	3.59
N-C22	18.301	237346.1	2.63
N-C23	19.207	176954.9	1.96
N-C24	20.079	129936.3	1.44
N-C25	20.916	98512.6	1.09
N-C26	21.726	78270.4	0.87
N-C27	22.504	62315	0.69
N-C28	23.257	49596.3	0.55
N-C29	23.987	44025.4	0.49
N-C30	24.691	31365.6	0.35
N-C31	25.381	29660.4	0.33
N-C32	26.111	22950	0.25
N-C33	26.902	18664.1	0.21
N-C34	27.771	11031.1	0.12
N-C35	28.745	8950.1	0.1
N-C36	29.859	8776.81	0.1
		9720525	100

Batch Code 9812OIL003S001
 Data File C:_DATA\B9812003\SAC001.RAW
 CPI (24 to 32) 1.05
 Pr/Ph Ratio 2.49
 Pr/n-C17 0.47
 Ph/n-C18 0.24
 Alkane Index (C17/(C17+C27))% 94.02
 R22 Index $2 \cdot \text{C22}/(\text{C21}+\text{C23})$ 0.95
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 18/12/98 13:53
 Sample Name: 6305/7-1 2937m MDT G3451
 Data File: C:_DATA\B9812003\SAC002.RAW Date: 18/12/98 12:40
 Sequence File: C:_DATA\B9812003\SAC_GC.SEQ Cycle: 3 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
N-C9	3.657	115423.3	0
N-C10	4.035	522517.4	0
N-C11	5.259	840847.2	0
N-C12	6.616	958464.3	13.46
N-C13	8.002	949757.5	13.34
N-C14	9.365	946513.9	13.29
N-C15	10.675	963255.5	13.53
N-C16	11.927	843430.5	11.85
N-C17	13.118	711866.7	10
PRISTANE	13.229	359653.7	0
N-C18	14.252	555555.6	7.8
PHYTANE	14.389	109726.5	0
N-C19	15.332	441776.7	6.2
N-C20	16.361	285766.6	4.01
N-C21	17.347	189961.4	2.67
N-C22	18.29	116994	1.64
N-C23	19.198	67685.3	0.95
N-C24	20.07	37836.1	0.53
N-C25	20.91	20087.4	0.28
N-C26	21.72	10838.7	0.15
N-C27	22.5	6181	0.09
N-C28	23.254	3634.71	0.05
N-C29	23.983	2528.12	0.04
N-C30	24.689	1635.08	0.02
N-C31	25.378	1465.13	0.02
N-C32	26.11	1031.67	0.01
N-C33	26.9	1056.82	0.01
N-C34	27.851	1253.38	0.02
N-C35	28.741	458.18	0.01
N-C36	29.661	1483.62	0.02
		9068686	100

Batch Code 9812OIL003S002
 Data File C:_DATA\B9812003\SAC002.RAW
 CPI (24 to 32) 1.16
 Pr/Ph Ratio 3.28
 Pr/n-C17 0.51
 Ph/n-C18 0.20
 Alkane Index (C17/(C17+C27))% 99.14
 R22 Index 2*C22/(C21+C23) 0.91
 Note: -1 denotes not calculated

Software Version 4.1<OG07>
 Date: 25/11/98 09:16
 Sample Name: 6305/7-1 Mud Extract 3000m
 Data File: C:_DATA\B9811001\SAC001.RAW Date: 24/11/98 16:04
 Sequence File: C:_DATA\B9811001\SAC_GC.SEQ Cycle: 2 Channel: A
 Instrument: SAC_GC Rack/Vial: 0 0 Operator:
 Sample Amount: 1 Dilution F 1

Saturates Fraction GC Analysis

Component Name	Time [min]	Area [μ V-s]	Amount [%]
N-C9	3.923	0	0
N-C10	5.256	0	0
N-C11	6.831	0	0
N-C12	8.405	0	0
N-C13	9.914	0	0
N-C14	11.342	0	0
N-C15	12.687	0	0
N-C16	13.937	15479.39	2.51
N-C17	15.142	36912.75	5.99
PRISTANE	15.265	11199.85	0
N-C18	16.291	64060.77	10.39
PHYTANE	16.451	89981.6	0
N-C19	17.375	28576.7	4.64
N-C20	18.416	21602.73	3.51
N-C21	19.411	36119.4	5.86
N-C22	20.362	20680.2	3.36
N-C23	21.275	23289.8	3.78
N-C24	22.153	8876.4	1.44
N-C25	22.997	19852.3	3.22
N-C26	23.809	17184.3	2.79
N-C27	24.595	29388.4	4.77
N-C28	25.35	22840.4	3.71
N-C29	26.079	26300.4	4.27
N-C30	26.783	21257.6	3.45
N-C31	27.484	31094.21	5.05
N-C32	28.227	26388	4.28
N-C33	29.032	39780.2	6.45
N-C34	29.928	37335.6	6.06
N-C35	30.927	47648.6	7.73
N-C36	32.059	41635.8	6.76
		717485.4	100

Batch Code 9811OIL001S001
 Data File C:_DATA\B9811001\SAC001.RAW
 CPI (24 to 32) 1.37
 Pr/Ph Ratio 0.12
 Pr/n-C17 0.30
 Ph/n-C18 1.40
 Alkane Index (C17/(C17+C27))% 55.67
 R22 Index 2*C22/(C21+C23) 0.70
 Note: -1 denotes not calculated

ANALYSIS=MPDMIO00810021.LIS

RT CAL=NSACARO.TIM

Sample#2 Text:6305/7-1 2850m \$9812SED011S001\$ File Text:6000RP GCMS Exp:GCMS_

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK	AREA	PT	NAME
1	36:16	36:12	00:01	-2173			-1. -	2-TBA
2	23:47	23:45	23:43	-2	20352500.		-	PRISTANE
3	27:14	27:13	27:09	-4	31072000.		-	PHYTANE
4	41:24	41:19	41:19	0	8906780.	#		C23 TRICYC TERPANE(T5:23/3
5	42:59	42:54	42:55	1	3701050.		-	C24 TRICYC TERPANE (24/3
6	46:03	45:58	46:00	2	4200800.		-	C25 TRICYC TERPANE (25/3
7	47:37	47:32	47:34	2	11363300.		-	C24 TETRACYC TERP (\$:24/4
8	48:19	48:14	48:16	2	1391480.		-	C26 TRICYCLIC TERPANE(26/3
9	48:30	48:25	48:16	-9	1391480.		-	C26 TRICYCLIC TERP 2 (26/3
10	55:36	55:32	55:33	1	10012700.		-	C27 18A HOPANE (Ts:27Ts
11	56:28	56:24	56:25	1	15985800.	S		C27 17A HOPANE (Tm:27Tm
12	57:15	57:11	57:12	1	3492740.		-	25-TRISNORM/z177(25nor28ab
13	58:39	58:35	58:37	2	2616870.		-	C28 BISNORHOPANE (X:28ab
14	59:22	59:18	59:25	7	1791070.		-	25-NOR m/z177 (Y:25nor30ab
15	59:24	59:27	59:25	-2	9955310.	D		25-NORHOPANE (Y:25nor30ab
16	59:41	59:37	59:38	1	43335900.		-	C29 HOPANE (D:29ab
17	59:49	59:46	59:45	-1	15000800.	D		C29 18A NORHOPANE (D2:29Ts
18	1:00:17	1:00:13	1:00:13	0	1241700.		-	C30 C30 DIAHOPANE (PI:30d
19	1:00:44	1:00:40	1:00:40	0	17235500.		-	C29 NORMORETANE (A:29ba
20	1:01:18	1:01:14	00:01	-3675			-1. -	C30 18A OLEANANE (B:300
21	1:01:35	1:01:31	1:01:31	0	66467200.	#		C30 HOPANE (G:30ab
22	1:01:48	1:01:44	1:01:50	6	12496800.	S		NOR-GAMMACERANE? (G2
23	1:02:24	1:02:20	1:02:20	0	14450000.		-	C30 MORETANE (K:30ba
24	1:03:47	1:03:43	1:03:44	1	21992600.		-	C31 22S HOPANE (N:31abS
25	1:04:02	1:03:58	1:03:59	1	40449700.		-	C31 22R HOPANE (O:31abR
26	1:03:47	1:03:43	1:03:44	1	8110800.		-	C31 22S M/Z205 (N205
27	1:04:02	1:03:58	1:03:57	-1	16016800.	P		C31 22R M/Z205 (O205
28	1:04:02	1:03:57	1:03:59	2	40449700.	D		C30 GAMACERANE (S:30G
29	1:04:24	1:04:20	1:04:23	3	10032500.	S		C30 17B 21B HOPANE (P
30	1:05:30	1:05:26	1:05:27	1	6210440.		-	C32 22S HOPANE (U:32abS
31	1:05:52	1:05:48	1:05:48	0	12803000.		-	C32 22R HOPANE (V:32abR
32	1:07:30	1:07:26	1:07:26	0	2938080.		-	C33 22S HOPANE(Alpha:32abS
33	1:08:08	1:08:04	1:07:55	-9	5125170.		-	C33 22R HOPANE (Beta:32abR
34	1:09:33	1:09:29	1:09:29	0	2299070.		-	C34 22S HOPANE(Gamma:34abS
35	1:10:08	1:10:04	1:10:05	1	1998670.		-	C34 22R HOPANE(Delta:34abR
36	1:11:33	1:11:29	1:11:31	2	621131.		-	C35 22S HOP (Epsilon:35abS
37	1:12:16	1:12:13	1:12:14	1	439364.		-	C35 22R HOPANE (Zeta:35abR
38	38:43	38:39	38:40	1	4349480.		-	C21 STERANE
39	50:43	50:38	50:40	2	3895090.		-	C27 20S DIASTER (10:27dbS
40	51:36	51:32	51:33	1	2894080.		-	C27 20R DIASTER (11:27dbR
41	54:27	54:23	54:24	1	5290310.	P		C27 20S AAA STER (20:27aaS
42	54:41	54:37	54:38	1	5629480.	P		C29 20S DIASTER (21A:29dbS
43	54:41	54:37	54:37	0	3805540.	P		C27 20R ISOST218(21B:27bbR
44	54:53	54:49	54:50	1	2922400.	D		C27 20S ISOST218 (22:27bbS
45	54:53	54:49	54:50	1	2694090.	P		C27 20R ISOSTER 217 (27bbR
46	55:03	55:00	54:57	-3	1234060.	D		C27 20S ISOSTER 217 (27bbS
47	55:24	55:20	55:20	0	4159520.	P		C27 20R AAA STER (25:27aaR
48	55:45	55:41	55:42	1	2655400.	P		C29 20S DIASTER (27:29dbR
49	57:03	56:59	56:59	0	1838690.	P		C28 20R ISOST218(33A:28bbR
50	57:15	57:11	57:11	0	1790040.	D		C28 20S ISOST218 (34:28bbS
51	57:02	56:58	56:58	0	2590600.	P		C28 20R ISOSTER 217 (28bbR
52	57:15	57:11	57:12	1	1761020.	D		C28 20S ISOSTER 217 (28bbS
53	57:52	57:48	57:48	0	2410390.		-	C28 20R AAA STER (36:28aaR
54	58:36	58:32	58:32	0	1967310.	S		C29 20S AAA STER (39:29aaS
55	58:59	58:55	58:55	0	2049310.	P		C29 20R ISOST218 (40:29bbR
56	59:09	59:05	59:04	-1	2430410.	D		C29 20S ISOST218 (41:29bbS
57	58:59	58:55	58:55	0	2222200.	P		C29 20R ISOSTER217 (29bbR
58	59:09	59:05	59:04	-1	2438790.	D		C29 20S ISOSTER217 (29bbS
59	59:56	59:52	59:52	0	3601920.		-	C29 20R AAA STER (42:29aaR
60	1:00:36	1:00:32	1:00:40	8	700052.	P		C30 20R ISOSTER218 (30bbR

61	1:00:40	1:00:44	00:01	-3645	-1.	D	C30 20S ISOSTER218 (30bbS)
62	1:01:38	1:01:34	1:01:33	-1	907842.	-	C30 4-METHYL STERANE (46)
63	10:46	10:45	10:45	0	601992000.	-	2-ME NAPHTHALENE
64	11:06	11:05	11:04	-1	407066016.	-	1-ME NAPHTHALENE
65	13:14	13:13	13:13	0	4816740.	-	2-ME BIPHENYL
66	15:32	15:31	15:30	-1	44090000.	-	3-ME BIPHENYL
67	15:46	15:44	15:45	1	9849210.	D	4-ME BIPHENYL
68	24:16	24:14	24:14	0	291828992.	#	PHENANTHRENE
69	28:03	28:02	28:01	-1	46963100.	S	3-ME PHENANTHRENE
70	28:13	28:11	28:11	0	58198400.	D	2-ME PHENANTHRENE
71	28:45	28:43	28:43	0	88900704.	S	9-ME PHENANTHRENE
72	28:54	28:52	28:52	0	65415300.	D	1-ME PHENANTHRENE
73	26:42	26:41	26:41	0	7904540.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:18	27:19	1	4433870.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	27:57	27:56	-1	3884470.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:27	36:29	2	4995050.	S	C21 MA STERANE (F22:A1)
77	38:53	38:49	38:51	2	4559590.	S	C22 MA STERANE (F23:B1)
78	49:01	48:56	48:58	2	1133700.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:07	49:09	2	1430850.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:39	50:41	2	2609980.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:49	50:49	0	1207730.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:09	51:10	1	6749080.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:44	51:43	-1	1110170.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:43	52:39	52:40	1	5177480.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:43	52:40	52:40	0	5177480.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	52:53	52:52	-1	8989620.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	52:57	00:01	-3178	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:18	54:18	0	1400710.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:51	54:47	54:46	-1	1855060.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:57	54:52	00:01	-3293	-1.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:28	56:29	1	1070750.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	43:55	44:03	8	8658930.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:26	46:28	2	2153220.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:07	56:08	1	1064670.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:45	57:45	0	4617580.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:45	57:45	0	4617580.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:06	59:06	0	1273050.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:47	59:46	-1	2803570.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:28	1:01:29	1	1174950.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:36	00:01	-3217	-1.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00810031.LIS RT CAL=NSACARO.TIM
 Sample#3 Text:6305/7-1 2910m \$9812SED011S005\$ File Text:6000RP GCMS Exp:GCMS_

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:16	36:14	00:01	-2175		-1. -	2-TBA
2	23:47	23:46	23:42	-4	83242200.	-	PRISTANE
3	27:14	27:13	27:08	-5	37854800.	-	PHYTANE
4	41:24	41:21	41:21	0	8238180.	#	C23 TRICYC TERPANE(T5:23/3)
5	42:59	42:56	42:59	3	4238180.	-	C24 TRICYC TERPANE (24/3)
6	46:03	46:00	00:01	-2761		-1. -	C25 TRICYC TERPANE (25/3)
7	47:37	47:34	47:34	0	13214700.	-	C24 TETRACYC TERP (\$:24/4)
8	48:19	48:16	48:16	0	1384170.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:27	48:28	1	1019240.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:33	55:32	-1	14529400.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:25	56:25	0	32231500.	S	C27 17A HOPANE (Tm:27Tm)
12	57:15	57:12	57:12	0	17356800.	-	25-TRISNORM/z177(25nor28ab)
13	58:39	58:36	58:38	2	9954450.	-	C28 BISNORHOPANE (X:28ab)
14	59:22	59:19	59:25	6	6384070.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:24	59:27	59:25	-2	13105500.	D	25-NORHOPANE (Y:25nor30ab)
16	59:41	59:38	59:38	0	74875704.	-	C29 HOPANE (D:29ab)
17	59:49	59:46	59:46	0	26066900.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:17	1:00:14	1:00:14	0	4537680.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:44	1:00:41	1:00:39	-2	36576700.	-	C29 NORMORETANE (A:29ba)
20	1:01:18	1:01:15	00:01	-3676		-1. -	C30 18A OLEANANE (B:300)
21	1:01:35	1:01:32	1:01:32	0	163300000.	#	C30 HOPANE (G:30ab)
22	1:01:48	1:01:45	1:01:50	5	34602100.	S	NOR-GAMMACERANE? (G2)
23	1:02:24	1:02:21	1:02:20	-1	30579700.	-	C30 MORETANE (K:30ba)
24	1:03:47	1:03:44	1:03:43	-1	34146200.	-	C31 22S HOPANE (N:31abS)
25	1:04:02	1:03:59	1:03:58	-1	65820100.	-	C31 22R HOPANE (O:31abR)
26	1:03:47	1:03:44	1:03:43	-1	13522400.	-	C31 22S M/Z205 (N205)
27	1:04:02	1:03:59	1:03:58	-1	25651600.	P	C31 22R M/Z205 (O205)
28	1:04:02	1:03:58	1:03:58	0	65820100.	D	C30 GAMACERANE (S:30G)
29	1:04:24	1:04:21	1:04:22	1	21266900.	S	C30 17B 21B HOPANE (P)
30	1:05:30	1:05:27	1:05:26	-1	13639300.	-	C32 22S HOPANE (U:32abS)
31	1:05:52	1:05:49	1:05:47	-2	28645000.	-	C32 22R HOPANE (V:32abR)
32	1:07:30	1:07:27	1:07:25	-2	7880490.	-	C33 22S HOPANE(Alpha:32abS)
33	1:08:08	1:08:05	1:07:55	-10	13675000.	-	C33 22R HOPANE (Beta:32abR)
34	1:09:33	1:09:30	1:09:29	-1	5836600.	-	C34 22S HOPANE(Gamma:34abS)
35	1:10:08	1:10:05	1:10:04	-1	4387400.	-	C34 22R HOPANE(Delta:34abR)
36	1:11:33	1:11:30	1:11:30	0	2363840.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:16	1:12:13	1:12:13	0	2017000.	-	C35 22R HOPANE (Zeta:35abR)
38	38:43	38:40	38:48	8	7213230.	-	C21 STERANE
39	50:43	50:40	50:39	-1	9508980.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:33	51:33	0	11671600.	-	C27 20R DIASTER (11:27dbR)
41	54:27	54:24	54:22	-2	12884500.	P	C27 20S AAA STER (20:27aaS)
42	54:41	54:38	54:39	1	15248100.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:38	54:38	0	8806180.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	54:50	54:49	-1	5995840.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:40	54:39	-1	15248100.	P	C27 20R ISOSTER 217 (27bbR)
46	54:53	54:49	54:49	0	10121600.	D	C27 20S ISOSTER 217 (27bbS)
47	55:24	55:21	55:19	-2	13777800.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:42	55:43	1	10099200.	P	C29 20S DIASTER (27:29dbR)
49	57:03	57:00	56:58	-2	6619830.	P	C28 20R ISOST218(33A:28bbR)
50	57:15	57:10	57:11	1	6066210.	D	C28 20S ISOST218 (34:28bbS)
51	57:02	56:59	56:57	-2	8564510.	P	C28 20R ISOSTER 217 (28bbR)
52	57:15	57:10	57:11	1	4464880.	D	C28 20S ISOSTER 217 (28bbS)
53	57:52	57:49	57:48	-1	7655170.	-	C28 20R AAA STER (36:28aaR)
54	58:36	58:33	58:32	-1	5472300.	S	C29 20S AAA STER (39:29aaS)
55	58:59	58:56	58:56	0	7635550.	P	C29 20R ISOST218 (40:29bbR)
56	59:09	59:06	59:05	-1	7917260.	D	C29 20S ISOST218 (41:29bbS)
57	58:59	58:56	58:56	0	8605560.	P	C29 20R ISOSTER217 (29bbR)
58	59:09	59:06	59:04	-2	9229390.	D	C29 20S ISOSTER217 (29bbS)
59	59:56	59:53	59:52	-1	12513200.	-	C29 20R AAA STER (42:29aaR)
60	1:00:36	1:00:33	1:00:42	9	5794970.	P	C30 20R ISOSTER218 (30bbR)