



CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT
TABLE 1: CONDENSATE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	0.7327	ASTM D4052
API Gravity	°API	61.6	
Sulfur Content (Total)	wt. %	0.25	ASTM D4294
H ₂ S Content	ppm	<1	UOP 163
Mercaptan Content	wt. %	0.17	UOP 163
Nitrogen Content (Total)	ppm	<10	ASTM D4629
Water Content	vol. %	<0.025	ASTM D4006
Salt Content	P.T.B	<1	ASTM D3230
Hydrocarbon Types:			
Saturates	vol. %	89.5	ASTM D1319
Olefins	vol. %	2.0	
Aromatics	vol. %	8.5	
Kinematic Viscosity @ 0 °C	mm ² /s	1.061	ASTM D445
Kinematic Viscosity @ 10 °C	mm ² /s	0.862	
Kinematic Viscosity @ 20 °C	mm ² /s	0.777	
Cloud Point	°C	-44	ASTM D2500
Pour Point (Upper)	°C	-57	ASTM D97
Reid Vapor Pressure	psi	11.0	ASTM D5191
Wax Content	wt. %	0.40	BP 237
Corrosion Copper Strip (3h/50°C)	---	1a	ASTM D130
Total Acid Number	mg KOH/g	<0.05	ASTM D 664
Aniline Point	°C	60	IP2
Molecular Weight	g/mol	112.6	Osmomat
Saybolt Color	---	20	ASTM D156
Bromine Index	mg Br ₂ /100 g	807	IP 130
Lead Content	mg/kg	<1	ASTM D 5863



CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT
(TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892

Frac. No.	Boiling Range, °C	Yield, wt.%	Cumulative Yield, wt.%	Sp.Gr. @ 15.56/15.56 °C	Yield, vol.%	Cumulative Yield, vol.%
1	IBP-15	6.02	6.02	0.5831	7.56	7.56
2	15-65	13.17	19.19	0.6395	15.09	22.65
3	65-100	18.14	37.33	0.7163	18.56	41.21
4	100-125	14.33	51.66	0.7455	14.08	55.29
5	125-150	10.85	62.51	0.7652	10.39	65.68
6	150-175	9.33	71.84	0.7747	8.82	74.50
7	175-200	6.81	78.65	0.7855	6.35	80.85
8	200-225	5.38	84.03	0.7997	4.93	85.78
9	225-250	4.78	88.81	0.8068	4.34	90.12
10	250-275	4.23	93.04	0.8163	3.80	93.92
11	275-300	2.88	95.92	0.8266	2.55	96.47
12	300-325	2.04	97.96	0.8352	1.79	98.26
13	325+	2.04	100.00	0.8600	1.74	100.00



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CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	0.7326	ASTM D4052
API Gravity	°API	61.6	
Sulfur Content (Total)	wt.%	0.28	ASTM D4294
H2S Content	ppm	<1	UOP 163
Mercaptan Content	wt.%	0.21	UOP 163
Nitrogen Content (Total)	ppm	<10	ASTM D4629
Water Content	vol.%	<0.025	ASTM D4006
Salt Content	P.T.B	<1	ASTM D3230
Hydrocarbon Types:			
Saturates	vol.%	88.0	ASTM D1319
Olefins	vol.%	1.6	
Aromatics	vol.%	10.4	
Kinematic Viscosity @ 0 °C	mm ² /s	0.980	ASTM D445
Kinematic Viscosity @ 10 °C	mm ² /s	0.874	
Kinematic Viscosity @ 20 °C	mm ² /s	0.808	
Cloud Point	°C	-36	ASTM D2500
Pour Point (Upper)	°C	-57	ASTM D97
Reid Vapor Pressure	psi	10.7	ASTM D5191
Wax Content	wt.%	0.30	BP 237
Corrosion Copper Strip (3h/50°C)	---	1a	ASTM D130
Total Acid Number	mg KOH/g	<0.05	ASTM D 664
Aniline Point	°C	61	IP2
Molecular Weight	g/mol	108.5	Osmomat
Saybolt Color	---	22	ASTM D156
Bromine Index	mg Br ₂ /100 g	914	IP 130
Lead Content	mg/kg	<1	ASTM D 5863



CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT
(TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892

Frac. No.	Boiling Range, °C	Yield, wt.%	Cumulative Yield, wt.%	Sp.Gr. @ 15.56/15.56 °C	Yield, vol.%	Cumulative Yield, vol.%
1	IBP-15	4.57	4.57	0.58	5.80	5.80
2	15-65	17.83	22.40	0.64	20.41	26.21
3	65-100	16.79	39.19	0.7143	17.22	43.43
4	100-125	12.30	51.49	0.7442	12.11	55.54
5	125-150	9.40	60.89	0.7630	9.03	64.57
6	150-175	8.60	69.49	0.7757	8.12	72.69
7	175-200	7.80	77.29	0.7853	7.28	79.97
8	200-225	7.30	84.59	0.8012	6.68	86.65
9	225-250	5.20	89.79	0.8069	4.72	91.37
10	250-275	3.71	93.50	0.8196	3.32	94.69
11	275-300	2.39	95.89	0.8280	2.11	96.80
12	300-325	2.00	97.89	0.8476	1.73	98.53
13	325+	2.11	100.00	1.0539	1.47	100.00



CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT
TABLE 1: CONDENSATE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	0.7330	ASTM D4052
API Gravity	°API	61.5	
Sulfur Content (Total)	wt. %	0.31	ASTM D4294
H ₂ S Content	ppm	<1	UOP 163
Mercaptan Content	wt. %	0.21	UOP 163
Nitrogen Content (Total)	ppm	<10	ASTM D4629
Water Content	vol. %	<0.025	ASTM D4006
Salt Content	P.T.B	<1	ASTM D3230
Hydrocarbon Types:			
Saturates	vol. %	88.0	ASTM D1319
Olefins	vol. %	1.7	
Aromatics	vol. %	10.3	
Kinematic Viscosity @ 0 °C	mm ² /s	1.009	ASTM D445
Kinematic Viscosity @ 10 °C	mm ² /s	0.899	
Kinematic Viscosity @ 20 °C	mm ² /s	0.815	
Cloud Point	°C	-36	ASTM D2500
Pour Point (Upper)	°C	-57	ASTM D97
Reid Vapor Pressure	psi	11.2	ASTM D5191
Wax Content	wt. %	0.20	BP 237
Corrosion Copper Strip (3h/50°C)	---	1a	ASTM D130
Total Acid Number	mg KOH/g	<0.05	ASTM D 664
Aniline Point	°C	61	IP2
Molecular Weight	g/mol	111.2	Osmomat
Saybolt Color	---	22	ASTM D156
Bromine Index	mg Br ₂ /100 g	886	IP 130
Lead Content	mg/kg	<1	ASTM D 5863



CRUDE OIL AND PETROLEUM PRODUCTS EVALUATION DEPARTMENT
(TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892

Frac. No.	Boiling Range, °C	Yield, wt.%	Cumulative Yield, wt.%	Sp.Gr. @ 15.56/15.56 °C	Yield, vol.%	Cumulative Yield, vol.%
1	IBP-15	3.18	3.18	0.56	4.14	4.14
2	15-65	19.54	22.72	0.64	22.35	26.49
3	65-100	16.42	39.14	0.7197	16.72	43.21
4	100-125	12.29	51.43	0.7439	12.11	55.32
5	125-150	10.72	62.15	0.7630	10.30	65.62
6	150-175	9.58	71.73	0.7774	9.03	74.65
7	175-200	6.58	78.31	0.7854	6.14	80.79
8	200-225	4.68	82.99	0.8021	4.28	85.07
9	225-250	4.51	87.50	0.8106	4.08	89.15
10	250-275	4.00	91.50	0.8154	3.60	92.75
11	275-300	3.80	95.30	0.8248	3.38	96.13
12	300-325	2.71	98.01	0.8368	2.37	98.50
13	325+	1.99	100.00	0.9745	1.50	100.00



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TABLE 1: CONDENSATE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	0.7346	ASTM D4052
API Gravity	°API	61.1	
Sulfur Content (Total)	wt.%	0.27	ASTM D4294
H ₂ S Content	ppm	<1	UOP 163
Mercaptan Content	wt.%	0.15	UOP 163
Nitrogen Content (Total)	ppm	<10	ASTM D4629
Water Content	vol.%	<0.025	ASTM D4006
Salt Content	P.T.B	<1	ASTM D3230
Hydrocarbon Types:			
Saturates	vol.%	87.0	ASTM D1319
Olefins	vol.%	2.0	
Aromatics	vol.%	11.0	
Kinematic Viscosity @ 0 °C	mm ² /s	1.068	ASTM D445
Kinematic Viscosity @ 10 °C	mm ² /s	0.943	
Kinematic Viscosity @ 20 °C	mm ² /s	0.828	
Cloud Point	°C	-34	ASTM D2500
Pour Point (Upper)	°C	-57	ASTM D97
Reid Vapor Pressure	psi	10.7	ASTM D5191
Wax Content	wt.%	0.30	BP 237
Corrosion Copper Strip (3h/50°C)	---	2a	ASTM D130
Total Acid Number	mg KOH/g	<0.05	ASTM D 664
Aniline Point	°C	62	IP2
Molecular Weight	g/mol	113.8	Osmomat
Saybolt Color	---	24	ASTM D156
Bromine Index	mg Br ₂ /100 g	857	IP 130
Lead Content	mg/kg	<1	ASTM D 5863



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(TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892

Frac. No.	Boiling Range, °C	Yield, wt.%	Cumulative Yield, wt.%	Sp.Gr. @ 15.56/15.56 °C	Yield, vol.%	Cumulative Yield, vol.%
1	IBP-15	5.49	5.49	0.58	6.98	6.98
2	15-65	16.86	22.35	0.65	19.02	26.00
3	65-100	15.70	38.05	0.7147	16.14	42.14
4	100-125	10.86	48.91	0.7443	10.72	52.86
5	125-150	9.70	58.61	0.7626	9.34	62.20
6	150-175	9.04	67.65	0.7778	8.54	70.74
7	175-200	7.50	75.15	0.7876	7.00	77.74
8	200-225	6.41	81.56	0.7997	5.89	83.63
9	225-250	4.98	86.54	0.8107	4.51	88.14
10	250-275	4.52	91.06	0.8200	4.05	92.19
11	275-300	3.25	94.31	0.8275	2.89	95.08
12	300-325	2.29	96.60	0.8327	2.02	97.10
13	325+	3.40	100.00	0.8614	2.90	100.00



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TABLE 1: CONDENSATE GENERAL PROPERTIES ANALYSIS

CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	---	0.7360	ASTM D4052
API Gravity	°API	60.8	
Sulfur Content (Total)	wt. %	0.21	ASTM D4294
H ₂ S Content	ppm	<1	UOP 163
Mercaptan Content	wt. %	0.13	UOP 163
Nitrogen Content (Total)	ppm	<10	ASTM D4629
Water Content	vol. %	<0.025	ASTM D4006
Salt Content	P.T.B	<1	ASTM D3230
Hydrocarbon Types:			
Saturates	vol. %	89.0	ASTM D1319
Olefins	vol. %	1.1	
Aromatics	vol. %	9.9	
Kinematic Viscosity @ 0 °C	mm ² /s	1.012	ASTM D445
Kinematic Viscosity @ 10 °C	mm ² /s	0.943	
Kinematic Viscosity @ 20 °C	mm ² /s	0.829	
Cloud Point	°C	-31	ASTM D2500
Pour Point (Upper)	°C	-57	ASTM D97
Reid Vapor Pressure	psi	10.7	ASTM D5191
Wax Content	wt. %	0.50	BP 237
Corrosion Copper Strip (3h/50°C)	---	2a	ASTM D130
Total Acid Number	mg KOH/g	<0.05	ASTM D 664
Aniline Point	°C	62	IP2
Molecular Weight	g/mol	113.8	Osmomat
Saybolt Color	---	20	ASTM D156
Bromine Index	mg Br ₂ /100 g	759	IP 130
Lead Content	mg/kg	<1	ASTM D 5863