CHARACTERISTICS	UNITS	RESULT	TEST METHOD
Specific Gravity @ 15.56 /15.56 °C	—	0.8568	ASTM D5002
API Gravity	°API	33.6	ASTM D5002
Sulfur Content (Total)	wt.%	1.46	ASTM D4294
H_2S Content	ppm	86	IP 570
Mercaptan Content	ppm	60	UOP 163
Nitrogen Content (Total)	wt.%	0.13	ASTM D 5762
Water & Sediment	vol.%	< 0.05	ASTM D4007
Water Content	vol.%	< 0.025	ASTM D4006
Salt Content	PTB	7	ASTM D3230
Kinematic Viscosity @ 10 °C	mm^2/s	19.50	ASTM D445
Kinematic Viscosity @ 20 °C	mm^2/s	10.88	
Kinematic Viscosity @ 40 °C	mm^2/s	6.319	
Pour Point (Upper)	°C	-12	ASTM D5853
Reid Vapor Pressure	psi	8.95	ASTM D323
Asphaltene Content	wt.%	1.6	IP 143
Wax Content	wt.%	4.8	BP 237
Drop Melting Point of Wax	°C	57	IP 133
Conradson Carbon Residue	wt.%	4.50	ASTM D189
Total Acid Number	mg KOH/g	0.12	UOP 565
Nickel Content	mg/kg	11	ASTM D5863
Vanadium Content	mg/kg	40	
Iron Content	mg/kg	<1	
Lead Content	mg/kg	<1	
Sodium Content	mg/kg	8	
Zinc Content	mg/kg	<1	
Copper Content	mg/kg	<1	

Appendix 2: Light Crude Oil TBP:

TABLE 2: TBP DISTILLATION ANALYSIS (ASTM D2892 & ASTM D5236)

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	1.56	1.56	0.5759	2.32	2.32
2	15-65	3.64	5.20	0.6472	4.82	7.14
3	65-100	4.12	9.32	0.7145	4.94	12.08
4	100-125	3.35	12.67	0.7430	3.86	15.94
5	125-150	4.07	16.74	0.7642	4.56	20.50
6	150-175	3.82	20.56	0.7796	4.20	24.70
7	175-200	4.03	24.59	0.7918	4.36	29.06
8	200-225	4.86	29.45	0.8093	5.15	34.21
9	225-250	4.49	33.94	0.8284	4.64	38.85
10	250-275	4.44	38.38	0.8438	4.51	43.36
11	275-300	4.56	42.94	0.8538	4.58	47.94
12	300-325	4.25	47.19	0.8747	4.16	52.10
13	325-350	4.40	51.59	0.8846	4.26	56.36
14	350-385	6.00	57.59	0.8927	5.76	62.12
15	385-425	6.25	63.84	0.9220	5.81	67.93
16	425-450	3.65	67.49	0.9290	3.37	71.30
17	450-475	3.40	70.89	0.9401	3.10	74.40
18	475-500	3.25	74.14	0.9508	2.93	77.33
19	500-530	3.75	77.89	0.9624	3.34	80.67
20	530-565	3.90	81.79	0.9729	3.43	84.10
21	565+	18.21	100.00	0.9813	15.90	100.00