



Container Identification
PB4B

Operator Name
ENCANA CORPORATION

Laboratory Number
170F215396B

Unique Well Identifier	Well Name
100/15-12-077-15W6/0	ECA Hz SWAN LAKE E12-5-77-14

Field or Area	Pool or Zone	Sampler's Company
SWAN LAKE	MONTNEY	AGAT/FORT ST. JOHN

Well License	Elevation	Test Type	Test No.	Name of Sampler
32283	KB m 818.10 GRD m 811.70			AP

Test Interval or Perfs mKB	Sampling Point	Separator	Reservoir	Source	Sampled	Received
2810.09-5824.56	HIGH STAGE SEPARATOR	Pressure (kPa)		4800		
		Temperature		51		

Date Sampled	Date Received	Date Analyzed	Date Reported	Location - Approved By - Title
May 15, 2017	May 16, 2017	May 16, 2017	May 16, 2017	Calgary - Valentina Strelnikova - Supervisor

Other Information

* Results relate only to the items tested

Sample Properties

Colour of Clean Oil	Colour Number ASTM D-1500
Colorless	L0.5 A.S.T.M.

B.S. & W. (Volume Fraction) ASTM D-4007

Water	Sediment	Total
Trace	Trace	Trace

Density - After Cleaning ASTM D-5002

API Gravity @ 15°C	Relative	Absolute (kg/m³)
62.91	0.7279	727.2

Total Sulphur Mass % (ASTM D-4294)	Pour Point (°C) (ASTM D-97) (ASTM D5853)
0.002	-42

Viscosity ASTM D-445/ASTM D-4072

Temp °C	Absolute (mPa·s)	Kinematic (mm²/s)
5	0.76	1.04
15	0.66	0.91
25	0.58	0.81

Distillation - ASTM D86

Volume Fraction	Temp (°C)
0.05	49.0
0.10	62.7
0.15	74.4
0.20	84.4
0.25	92.3
0.30	99.3
0.35	106.1
0.40	112.9
0.45	119.2
0.50	125.4
0.55	132.7
0.60	141.0
0.65	151.1
0.70	164.6
0.75	180.8
0.80	197.4
0.85	217.2
0.90	244.0
0.95	285.5

Method
A.S.T.M. -D86*

Initial Boiling Point (°C)
28.4

Absolute Barometric Pressure (kPa)
88.0

Room Temp (°C)
23.0

Final Boiling Point (°C)	Characterization Factor
305.7	12.3

200 °C Naphtha
0.81

275 °C Kerosene
0.13

350 °C Light Gas Oil
0.04

Recovered
0.98

Distillation Loss
0.02

Note: When applicable, B.S.&W. analyses conducted with non-saturated Toluene and centrifuged at room temperature.

