

LIGHT EXPORT CRUDE OIL

TABLE 1: GENERAL DATA

SPECIFICATION	RESULT	TEST METHOD
SPECIFIC GRAVITY @ 15.56 /15.56 °C	0.8545	ASTM D 4052
API	34.1	ASTM D 1298
API (DEBUTANIZED)	33.4	ASTM D 1298
SULPHUR CONTENT (Total) Wt.%	1.53	ASTM D 4294
*H ₂ S CONTENT ppm	42	-----
MERCAPTAN CONTENT ppm	85	UOP 163
NITROGEN CONTENT (Total) Wt.%	0.13	ASTM D5762
BASE SEDIMENT & WATER Vol.%	<0.05	ASTM D 1796
WATER CONTENT Vol.%	<0.05	ASTM D 4006
SALT CONTENT P.T.B	4.0	ASTM D 3230
KINEMATIC VISCOSITY @10 ° C mm ² /Sec	17.02	ASTM D 445
" @ 20 ° C mm ² /Sec	12.10	ASTM D 445
" @ 40 ° C mm ² /Sec	5.703	ASTM D 445
POUR POINT ° C	-12	ASTM D 5853
*R.V.P. PSI	9.85	ASTM D 323
ASPHALTENES Wt.%	1.17	IP 143
WAX CONTENT Wt.%	6.2	BP 237
DROP MELTING POINT OF WAX ° C	58	IP 133
CARBON RESIDUE CONRADSON Wt.%	4.10	ASTM D 189
ACIDITY , TOTAL mgKOH/gr	0.08	UOP 565
NICKEL CONTENT PPm	18	ASTM D 5863
VANADIUM CONTENT PPm	61	ASTM D 5863
IRON CONTENT PPm	<1	ASTM D 5863
LEAD CONTENT PPm	<1	ASTM D 5863
SODIUM CONTENT PPm	<1	ASTM D 5863
ZINC CONTENT PPm	<1	ASTM D 5863
COPPER CONTENT PPm	<1	ASTM D 5863

*Tested on site

Sampling date: (January 3, 2014)
Report Date: (February 16, 2014)