



Crude SYNBIT SHB

Country Canada

TBP DISTILLATION

Density at 15 °C, kg/m3 ° API Bbl/mt Viscosity, cSt at 10 °C Viscosity cst at 50°C Pour Point, °C Wax content, wt% Wax Appearance Temp °C R V P at 37.8 °C, kPa Water %vol BSW %vol NaCl mg/kg Sulphur, wt % Mercaptan sulphur, mg/kg Hydrogen sulphide, mg/kg Acidity mg KOH/g Nickel, mg/kg Vanadium, mg/kg Nitrogen, wt%	939.5 19.02 6.70 470.7 46.1 -36.0 12.5 2.97 20 0 1.33 44 125 0.2700	Assay	27-May-10	°C	wt %	vol %	°C	wt %	vol %																							
				015	0.11	1.82	080	1.87	4.30	150	5.52	8.90	175	7.39	11.14	230	13.84	18.44	325	31.23	37.07	350	36.94	42.97	375	42.52	48.64	550	69.46	73.36	565	71.85
							wt %	vol %																								

PROPERTIES OF TBP CUTS

	Cut	Yield	Yield	Dens 15°C	S	RSH	RON	RON	MON	MON	Napht	Aro	RVP			Benz
LIGHT NAPHTHA	°C	wt %	vol %	kg/m3	wt %	%wt	clear	0,15g/l	clear	0,15g/l	%vol	%Vol	kPa			%vol
	15-65															
	15-80	1.76	2.47	669	0.0130		71.1	78.5	70.1	77.6		1.4				1.0
HEAVY NAPHTHA	Cuts	Yield	Yield	Dens 15°C	S						Napht	Aro				
	°C	wt %	vol %	kg/m3	wt %						%vol	%vol				
	80-150	3.65	4.61	744	0.0250						34.5	7.9				
	80-175	5.52	6.84	758	0.0352						26.8	10.2				
	100-150	2.61	3.29	744	0.0250						26.8	9.8				
KEROSENE	Cuts	Yield	Yield	Dens 15°C	S	RSH	Smoke	Acid.	Cetane	Freeze Pt	Naphtal.	Aro.	Saybolt	Visc cst		Flash
	°C	wt %	vol %	kg/m3	wt %	mg/kg	Point	mg/g	Calc	°C	%vol	%vol	Color	50 °C		Point
	150-230	8.32	9.54	820	0.084		19		32.5	-65.0		18.5				
	175-230	6.45	7.31	829	0.092				34.4							
	150-250	11.98	13.46	836	0.177				30.9							
GASOIL	Cuts	Yield	Yield	Dens 15°C	S		Anilin Pt	Cetane	Cetane	Cloud Pt	CFPP	Pour Pt	Visc cst	Visc cst	KUOP	Flash
	°C	wt %	vol %	kg/m3	wt %		C		Calc.	°C	°C	°C	50 °C	100 °C		Point
	175-400	38.98	41.04	892	0.733				38.9	-21		-55				
	230-400	32.53	33.73	906	0.860				39.5	-31		-55				
	230-375	28.68	30.20	892	0.647				41.3	-32		-55				
VACUUM DISTILLATE	Cuts	Yield	Yield	Dens 15°C	S	Conrad	Anilin Pt	Ni	V	Total N	Bas N	Pour Pt	Visco cSt	Visco cSt	KUOP	Asp. C7
	°C	wt %	vol %	kg/m3	wt %	wt %	C	mg/kg	mg/kg	wt %	wt%	C	100 °C	150°C		%wt
	375-550	26.94	24.71	1024	2.45	0.23				0.1700	0.0428				10.61	
	375-565	29.33	26.81	1028	2.49											
	375-580															
	400-565	25.48	23.28	1028	2.50											
RESIDUE	Cuts	Yield	Yield	Dens 15°C	S	Conrad	Asp C5	Ni	V	Total N	Pene	Pour Pt	Visco cSt	Visco cSt		Asp. C7
	°C	wt %	vol %	kg/m3	wt %	wt %	%wt	mg/kg	mg/kg	wt %		°C	100 °C	150 °C		wt %
	> 375	57.48	51.36	1052	4.35							36	338	33		
	> 550	30.54	26.64	1077	6.02	26.0		158.8	429.7	0.7300		105	133889	1859		21.2
	> 565	28.15	24.55	1077	6.28							111	2.8E+05	2964		
	> 580															

* estimated value