



Crude **OSEBERG**

Country Norway

TBP
DISTILLATION

Density at 15°C, kg/m3	826.8	Assay Date	20-May-16		°C	wt%	vol%	°C	wt%	vol%
°API	39.6				080	9.0	11.6	460	79.6	82.4
Bbl/mt	7.622				090	11.3	14.3	480	82.2	84.7
Acidity, mg KOH/g	0.12				100	13.8	17.0	500	84.6	86.9
Sulphur, wt%	0.203				120	18.7	22.4	520	86.8	88.9
Hydrogen Sulphide, mg/kg	3				140	23.2	27.3	540	88.9	90.7
Mercaptan Sulphur, mg/kg	1				160	27.6	31.9	560	90.7	92.3
Viscosity, cSt at 10 °C	5				180	31.8	36.3	580	92.3	93.7
	50 °C	2			200	35.8	40.5			
Pour Point, °C	-15				220	39.7	44.5			
Total Nitrogen, wt%	0.074				240	43.5	48.3			
Wax, wt%	5.0				260	47.3	52.0			
Wax Appearance Temperature, °C	-				280	51.2	55.8			
RVP at 37.8 °C, kPa	55				300	55.3	59.8			
Water, vol%	-				320	59.7	64.0			
NaCl, mg/kg	-				340	63.7	67.8			
Nickel, mg/kg	1.1				360	66.7	70.6			
Vanadium, mg/kg	1.0				380	69.2	72.9			
Iron, mg/kg	2.7				400	71.7	75.2			
Mercury, µg/kg	-				420	74.3	77.6			
					440	76.9	80.0			

PROPERTIES OF TBP CUTS

Cuts	Yield	Yield	Den 15°C	S	RSH	RON	MON				Napht.	Aro.	RVP			
LIGHT NAPHTHA	15-65	4.1	5.3	645	0.00	0	75.1	74.4			3.7	0.0	-			
	15-80	6.8	8.3	668	0.00	0	70.3	69.3			11.7	0.7	-			
HEAVY NAPHTHA	80-150	16.5	18.0	752	0.00	1					34.7	15.8				
	80-175	21.8	23.6	759	0.00	1					34.6	16.3				
	100-150	11.6	12.6	761	0.00	1					34.9	19.5				
KEROSENE	150-230	16.2	16.7	795	0.01	1	24	0.01	42.0	-55		16.3	1.0			55.6
	175-230	10.9	11.2	802	0.01	1	23	0.02	44.1	-51		15.6	1.1			68.8
	150-250	19.9	20.5	801	0.01	1	23	0.02	43.4	-51		16.9	1.1			58.3
GASOIL	175-400	40.9	40.0	842	0.11		69		50.6	-12	-15	-19	2.6	1.2	11.8	79.4
	230-400	30.0	28.8	858	0.15		73		53.3	-7	-8	-9	3.8	1.6	11.8	105.6
	230-375	27.0	26.0	854	0.13		72		53.2	-12	-13	-13	3.3	1.5	11.8	104.4
VACUUM DISTILLATE	375-550	21.3	19.2	911	0.40	0.2	91	0	0	0.11	322	36	9.2	3.5	12.0	0.0
	375-565	22.6	20.4	913	0.41	0.3	91	0	0	0.11	342	37	9.9	3.7	12.0	0.0
	375-580	23.8	21.4	915	0.42	0.4	92	0	0	0.12	363	37	10.7	3.9	12.0	0.0
	400-580	20.7	18.5	918	0.44	0.5	93	0	0	0.14	392	40	12.5	4.4	12.1	0.0
RESIDUE	> 375	31.4	27.7	935	0.53	4.6	0.2	3	3	0.23		39	24	7	-	0.7
	> 550	10.2	8.4	991	0.79	13.9	0.3	10	10	0.49		49	623	64	207	2.2
	> 565	8.9	7.3	998	0.82	15.6	0.3	12	11	0.53		49	1,050	90	169	2.6
	> 580	7.7	6.3	1005	0.85	17.6	0.3	13	12	0.56		50	1,860	130	143	2.9

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TOTAL DTS / AM

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