Crude **CONDENSATE SNOHVIT**

Country Norway

Density at 15°C, kg/m3	724.8
°API	63.7
Bbl/mt	8.698
Acidity, mg KOH/g	0.01
Sulphur, wt%	0.01
Hydrogen Sulphide, mg/kg	3
Mercaptan Sulphur, mg/kg	8
Viscosity, cSt at 10 °C	0.7
50 °C	0.5
Pour Point, °C	-55
Total Nitrogen, wt%	0.00
Wax, wt%	-
Wax Appearance Temperature, °C	-
RVP at 37.8 °C, kPa	46
Water, vol%	-
NaCl, mg/kg	-
Nickel, mg/kg	0.0
Vanadium, mg/kg	0.0
Iron, mg/kg	-
Mercury, µg/kg	-

Assay Date 24-Aug-18

	wt%	vol%
Ethane	0.0	0.0
Propane	0.0	0.0
Iso-Butane	0.1	0.1
n-Butane	1.3	1.7

TBP DISTILLATION

°C	wt%	vol%	°C	wt%	vol%
080	35.3	38.8	460	100.0	100.0
090	43.1	46.6	480	100.0	100.0
100	51.1	54.4	500	100.0	100.0
120	62.7	65.7	520	100.0	100.0
140	71.9	74.4	540	100.0	100.0
160	79.7	81.7	560	100.0	100.0
180	85.6	87.2	580	100.0	100.0
200	89.9	91.0			
220	92.9	93.8			
240	95.2	95.8			
260	96.8	97.3			
280	98.0	98.3			
300	98.8	98.9			
320	99.3	99.4			
340	99.6	99.6			
360	99.8	99.8			
380	99.9	99.9			
400	99.9	99.9			
420	100.0	100.0			
440	100.0	100.0			

PROPERTIES OF TBP CUTS

LIGHT NAPHTHA	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%	RSH mg/kg	RON clear	MON clear			Napht. vol%	Aro. vol%	RVP kPa			
	15-65	24.8	27.8	644	0.00	8	76.1	75.4			2.8	0.1	-			
	15-80	33.9	37.0	660	0.00	8	73.0	72.2			7.9	0.9	-			
HEAVY NAPHTHA	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%	RSH mg/kg					Napht. vol%	Aro. vol%				
	80-150	40.8	39.5	746	0.00	3					33.5	17.7				
	80-175	49.1	47.2	751	0.00	3					32.7	18.0				
	100-150	25.0	23.8	756	0.00	3					33.9	22.1				
KEROSENE	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%	RSH mg/kg	Smoke Pt mm	Acidity mgKOH/g	Cetane Index	Freez. Pt °C		Aro. vol%	Visc cSt 50°C			Flash Point
	150-230	18.1	16.6	785	0.01	2	25	0.07	42.5	-60		18.6	0.9			51.8
	175-230	9.8	8.9	793	0.01	2	24	0.09	46.4	-53		18.0	1.1			66.7
	150-250	20.0	18.3	788	0.01	2	25	0.07	43.2	-57		18.7	0.9			52.9
GASOIL	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%		Anilin Point °C		Cetane Index	Cloud Pt C	CFPP C	Pour Pt C	Visc cSt 50°C	Visc cSt 100°C	UOPK	Flash Point
	175-400	15.6	14.0	805	0.04		67		48.9	-35	-39	-44	1.4	0.8	12.0	71.7
	230-400	5.8	5.0	827	0.08		74		56.8	-20	-22	-24	2.2	1.2	12.0	107.3
	230-375	5.7	5.0	826	0.08		74		56.7	-21	-23	-25	2.2	1.2	12.0	107.2
VACUUM DISTILLATE	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%	Conrad. wt%	Anilin Point °C	Ni mg/kg	Va mg/kg	Total N wt%	Bas N mg/kg	Pour Pt C	Visc cSt 100°C	Visc cSt 150°C	UOPK	Asp C7 wt %
	375-550	0.1	0.1	864	0.14	0.0	82	0	0	0.03	73	15	4.7	2.1	12.4	0.0
	375-565	0.2	0.1	864	0.14	0.0	82	0	0	0.03	73	15	4.7	2.1	12.4	0.0
	375-580	0.2	0.1	864	0.14	0.0	82	0	0	0.03	73	15	4.7	2.1	12.4	0.0
	400-580	0.1	0.1	871	0.14	0.1	83	0	0	0.03	89	20	6.3	2.7	12.4	0.0
RESIDUE	Cuts °C	Yield wt%	Yield vol %	Den 15°C kg/m3	S wt%	Conrad. wt%	Acidity mgKOH/g	Ni mg/kg	Va mg/kg	Total N wt%		Pour Pt C	Visc cSt 100°C	Visc cSt 150°C	Pene mm/10	Asp C7 wt%
	> 375	0.2	0.1	865	0.14	0.0	0.0	0	0	0.03		8	5	2	-	0.0
	> 550	0.0	0.0	927	0.23	5.5	0.1	0	0	0.12		33	98	18	2040	1.5
	> 565	0.0	0.0	931	0.23	7.0	0.2	0	1	0.12		35	110	20	1610	2.4
	> 580	0.0	0.0	938	0.23	8.8	0.2	1	1	0.12		37	131	22	1210	3.7

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