

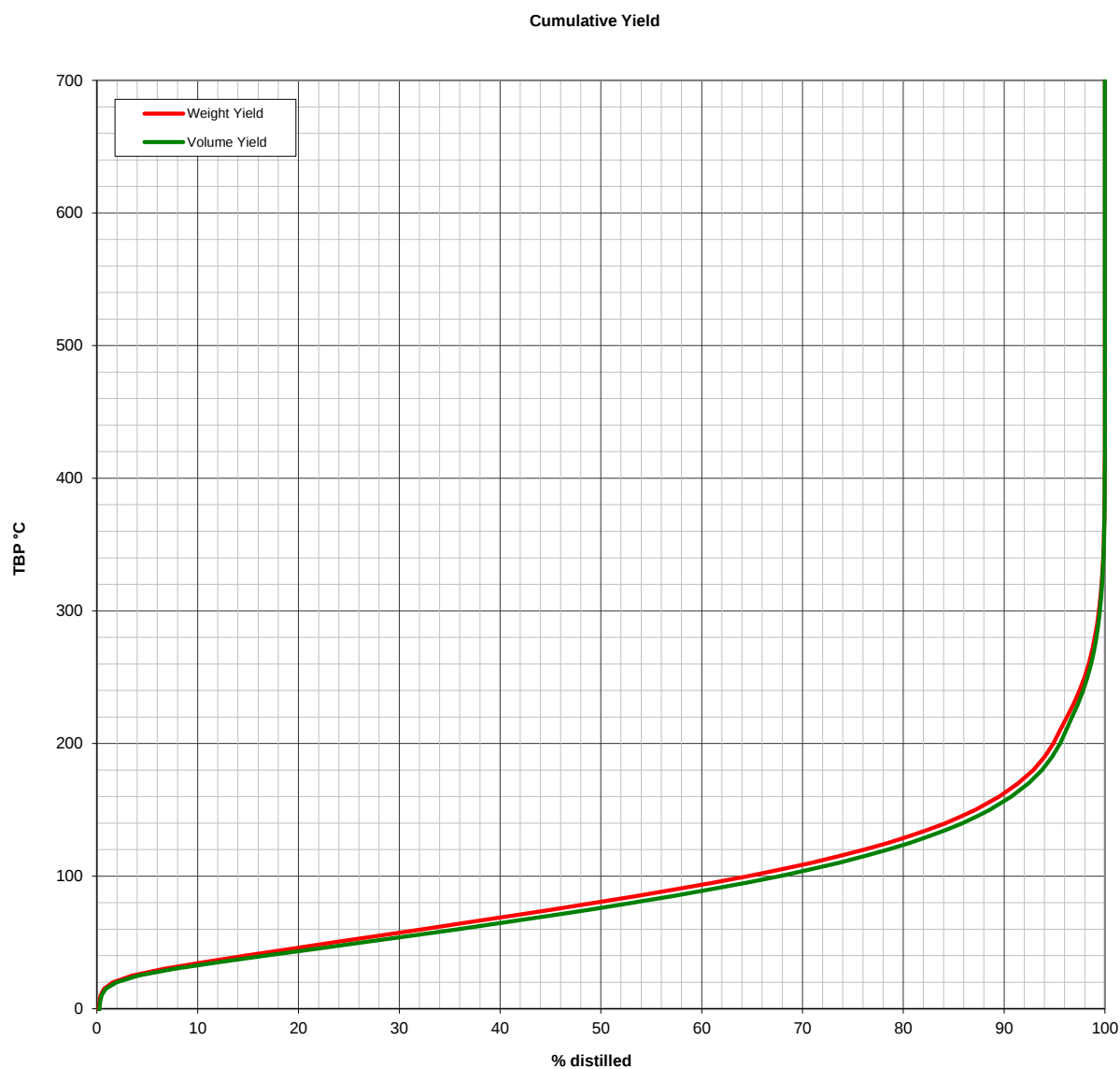
Crude Summary Report

General Information				Molecules (%wt on crude)							Whole Crude Properties				
Reference:	GIPSC24S			methane + ethane			0.00		Density @ 15°C (g/cc)			0.7077			
Name:	Gippsland Condensate			propane			0.07		API Gravity			68.4			
Origin:	Bass Strait			isobutane			0.08		Total Sulfur (% wt)			0.01			
				n-butane			1.47		Pour Point (°C)			-42			
				isopentane			6.86		Viscosity @ 20°C (cSt)			0.6			
Assay Date:	3/7/2025			n-pentane			12.00		Viscosity @ 40°C (cSt)			0.5			
Comments:				cyclopentane			0.97		Nickel (ppm)			0.0			
				C6 paraffins			10.96		Vanadium (ppm)			0.0			
				C6 naphthenes			9.79		Total Nitrogen (ppm)			0.5			
				benzene			1.61		Total Acid Number (mgKOH/g)			0.01			
				C7 paraffins			7.08		Mercaptan Sulfur (ppm)			3.0			
				C7 naphthenes			12.44		Hydrogen Sulfide (ppm)			0.1			
				toluene			5.02		Reid Vapor Pressure (kPa)			55.7			
Cut Data				Atmospheric Cuts								Vacuum Cuts			
Start (°C)	IBP	C5	65	100	150	200	250	300	350	370	370	450	500	550	
End (°C)	FBP	65	100	150	200	250	300	350	370	FBP	450	500	550	FBP	
Yield (% wt)		36.0	27.9	22.5	7.7	3.1	1.4	0.5	0.1	0.1	0.1	0.0	0.0	0.0	
Yield (% vol)		39.5	27.3	20.8	7.0	2.7	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
Cumulative Yield (% wt)		0.7	36.7	64.6	87.1	94.9	98.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	
Volume Average B.P. (°C)	88	43.6	82	121	170	223	271	320	359	392	391	464	513	704	
Density @ 15°C (g/cc)	0.7077	0.6442	0.7200	0.7640	0.7840	0.8012	0.8226	0.8339	0.8384	0.8542	0.8531	0.9090	0.9414	1.0422	
API Gravity	68.4	88.1	65.0	53.7	48.9	45.0	40.4	38.1	37.2	34.1	34.3	24.1	18.7	4.2	
UOPK	12.23			11.67	11.82	12.02	12.07	12.25	12.45	12.43	12.43	12.08	11.92	11.58	
Molecular Weight (g/mol)				107	135	172	210	258	304	343	341	431	522	1046	
Total Sulfur (wppm)	48.0	3.6	9.3	31	133	371	706	965	1164	1378	1366	1888	2271	3946	
Mercaptan Sulfur (wppm)	3.0	1.0	2.3	4.2	4.8	1.5	0.5								
Total Nitrogen (wppm)	0.5					1	4	18	49	121	113	499	981	1106	
Basic Nitrogen (wppm)	0.2					1	4	11	23	54	50	191	344	371	
Total Acid Number (mgKOH/g)	0.01	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.07	0.09	0.10	0.11	
Viscosity @ 20°C (cSt)	0.60					1.31									
Viscosity @ 40°C (cSt)	0.51					1.03	1.59	2.59	4.71	8.20					
Viscosity @ 50°C (cSt)	0.47						1.40	2.19	3.82	6.34	10.1	9.92	32.3	77.6	
Viscosity @ 60°C (cSt)										7.75	7.60	22.3	49.3		
Viscosity @ 100°C (cSt)										3.43	3.38	7.37	13.0		
Viscosity @ 130°C (cSt)															
Viscosity @ 150°C (cSt)															
RON (Clear)		74.2	46.9	75.9	48.8										
MON (Clear)		72.1	66.6	69.5	47.1										
Paraffins (% wt)	52.0	96.3	45.6	20.6	49.7										
Naphthenes (%wt)	33.4	3.7	48.0	49.4	20.4										
Aromatics (% wt)	14.6	0.0	6.3	30.0	29.9										
Pour Point (°C)	-42					-37	-17	4	15	24	23	37	43	46	
Cloud Point (°C)						-34	-14	6							
Freeze Point (°C)						-52	-32	-11							
Smoke Point (mm)						28	24	20							
Cetane Index (D4737A)						38	53	61	72	85					
Naphthalenes (% vol)						0.1	2.3	6.2	8.2						
Aniline Point (°C)		45.0				52.7	67.9	77.3	82.1	85.1	87.1	90.2	91.7		
Hydrogen (% wt)	14.6	16.6	14.8	13.1	13.7	14.1	14.4	14.3	14.1		14.1	12.7	12.2		
Total Wax (% wt)	2.2														
C7 Asphaltenes (% wt)	0.0										0.0	0.0	0.0	0.5	
Micro Carbon Residue (% wt)	0.0										0.0	0.3	0.9	4.8	
Vanadium (ppm)	0.0										0.0	0.0	0.0	3.6	
Nickel (ppm)	0.0										0.0	0.0	0.0	11.2	
Iron (ppm)	0.1										3.7				
Sodium (ppm)	0.0														
Mercury (ppb)	0.3														
Arsenic (ppb)	4														

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Crude: Gippsland Condensate

Yield Distribution



Cumulative Volume % Distilled at 10 Degree C (TBP) Intervals

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