



BONTANG return condensate

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 Flah Point, °C Sulphur, wt % Mercaptan sulphur, mg/kg Hydrogen sulphide, mg/kg Acidity mg KOH/g Nickel, mg/Kg Vanadium, mg/Kg Gross Heat value BTU/lb Net Heat value BTU/lb	692.4 72.80 9.11 0.5 <-50 <0.01 74.4 trace trace <-18 0.01 0.2 Nil <0.001 0.0 0.0 20557 19320	Country Indonesia	°C wt % vol % °C wt % vol %
		Assay 05-Jun-97 Assay Quality Fair	015 2.36 2.04 030 10.45 11.67 040 21.15 23.33 050 32.00 35.05 060 43.85 47.64 070 55.28 59.32 080 65.10 68.83 090 72.05 75.31 100 79.12 81.77 110 84.84 86.85 120 89.75 91.17 130 93.20 94.19 140 96.00 96.61 150 98.65 98.88 160 99.20 99.35
		Ethane 0.00 0.00 Propane 0.00 0.00 Iso-Butane 0.36 0.44 n-Butane 2.00 2.37	

Cumulative volume yields given after subtraction of volume expansion

PROPERTIES OF TBP CUTS

	Cut	Yield	Yield	Dens 15°C	S	RSH	RON	RON	MON	MON	Napht	Aro	RVP			Benz
LIGHT	°C	wt %	vol %	kg/m3	wt %	%wt	clear	0,15g/l	clear	0,15g/l	%vol	%Vol	kPa			%vol
NAPHTHA	15-80	62.74	66.79	650	0.0028							4.3				4.3
	15-100	76.76	79.73	667	0.0028		76.8				24.5	4.8				4.8
HEAVY	Cuts	Yield	Yield	Dens 15°C	S		nPar.	iPar.	Naphth.	Aro	Napht	Aro				
NAPHTHA	°C	wt %	vol %	kg/m3	wt %		wt %	wt %	wt %	wt %	%vol	%vol				
	80-150	33.55	30.05	773	0.0068											
	15-160	96.84	97.31	689	0.0040		20.3	41.7	27.7	10.3						
	100-160	20.08	17.58	791	0.0077						32.2	23.1				

* estimated value

Total DTS/AM Feb-01

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