



BONTANG return condensate

**TBP
DISTILLATION**

Density at 15 °C, kg/m3	692.4	Country	Indonesia	°C	wt %	vol %	°C	wt %	vol %
° API	72.80			015	2.36	2.04	030	10.45	11.67
Bbl/mt	9.11	Assay	05-Jun-97	040	21.15	23.33	050	32.00	35.05
Viscosity, cSt at 10 °C	0.5			Assay Quality	Fair	060	43.85	47.64	070
Viscosity cst at 50°C						080	65.10	68.83	090
Pour Point, °C	<-50			100	79.12	81.77	110	84.84	86.85
Wax content, wt%	<0.01			120	89.75	91.17	130	93.20	94.19
Wax Appearance Temp °C				140	96.00	96.61	150	98.65	98.88
R V P at 37.8 °C, kPa	74.4			160	99.20	99.35			
Water %vol	trace	Ethane	0.00	0.00					
BSW %vol	trace	Propane	0.00	0.00					
Flah Point, °C	<-18	Iso-Butane	0.36	0.44					
Sulphur, wt %	0.01	n-Butane	2.00	2.37					
Mercaptan sulphur, mg/kg	0.2								
Hydrogen sulphide, mg/kg	Nil								
Acidity mg KOH/g	<0.001								
Nickel, mg/Kg	0.0								
Vanadium, mg/Kg	0.0								
Gross Heat value BTU/lb	20557								
Net Heat value BTU/lb	19320								

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
	°C	wt %	vol %	kg/m3	wt %	%wt	clear	0,15g/l	clear	0,15g/l	%vol	%Vol	kPa			%vol
LIGHT 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 NAPHTHA	80-150	33.55	30.05	773	0.0068		nPar.	iPar.	Naphth.	Aro	Napht	Aro				
	15-160	96.84	97.31	689	0.0040		wt %	wt %	wt %	wt %	%vol	%vol				
	100-160	20.08	17.58	791	0.0077		20.3	41.7	27.7	10.3	32.2	23.1				

* estimated value

Total DTS/AM Feb-01

This crude oil data sheet is for information purposes only. No guaranty is given as to its accuracy or as to any consequences arising from its use .