



Jakarta, 04 September 2017

Nama Pelanggan : PT. PRO ENERGI
(Customer Name)
Alamat : Graha Irama Building Suit 6G. Jl. HR Rasuna Said, Jakarta
(Address) Selatan
Telepon/Faks : 021-52892321 / 021-52892310
(Phone/Fax)
Untuk Pelanggan : Bpk. Bambang
(Attention)
Nama Sampel : HSD
(Sample Name)
No. Lab. : 00904/E/17
(Lab. No.)
Tgl. Pengambilan Sampel : -
(Sampling date)
Tgl. Penerimaan Sampel : 28 August 2017
(Received date)
Tgl. Analisis : 28 August - 04 September 2017
(Analysis date)

Overall Analysis Result



Normal

Jam Kerja Mesin : -
(Running Hours)
Pembuat Mesin : -
(Eng. Builder)
Type Mesin : -
(Eng. Type/ Model)
No. Seri : -
(Serial Number)
Lokasi Mesin : -
(Eng. Location)

No	PARAMETER	UNIT	METHOD	RESULT	TYPICAL *
1	Appearance		VISUAL (MU/5.4/01/04-APP)	Clear	Clear and Bright
2	Density at 15°C	kg/m ³	ASTM D 1298-12b	851.6	815 - 870
3	Total Acid Number (TAN)	mg KOH/g	ASTM D 974-12	0.11	Max. 0.6 (ASTM D 664)
4	Flash Point PMCC	°C	ASTM D 93-13	75.0	Min. 52
5	Viscosity Kin. at 40 °C	cSt	ASTM D 445-12	3.964	2.0 - 4.5
6	Water Content by Karl Fischer *)	ppm	ASTM D 6304-07	100	Max. 500
7	Ash Content	% wt	ASTM D 482-13	0.004	Max. 0.01
8	Pour Point	°C	ASTM D 97-12	12	Max. 18
9	Cetane Index *)		ASTM D 4737-10	53.0	Min. 45
10	Conradson Carbon Residue On 10% Distillate Residue	% wt	ASTM D 189-10	0.03	Max. 0.1
11	Distillation Recovery Basis :	°C	ASTM D 86-12		
	IBP			183.0	
	5 % vol.			230.0	
	10% vol			245.0	
	20% vol			260.0	
	30% vol			270.0	
	40% vol			281.0	
	50% vol			290.0	
	60% vol			300.0	
	70% vol			315.0	
	80% vol			333.0	
	90% vol			354.0	Max. 370
	95% vol			376.0	
	EP			382.0	
	Recovery, % vol			98.0	
	Residue, % vol			1.0	
	Loss, % vol			1.0	
	Recovery at 300°C	% vol		60.0	
12	Sulphur Content *)	% wt	ASTM D 5185-13e1	0.19	Max. 0.25 (ASTM D 4294)
13	Sediment	% wt	ASTM D 473-12	0.008	Max. 0.01
14	Colour ASTM *)	ASTM Color	ASTM D 1500-12	L 3.0	Max. 3.0
15	Corrosion Copper Strip (3h/50°C)	ASTM Classification Standard	ASTM D 130-12	1a	Max. Class 1

* Dir Jen Migas No. 28.K/10/DJM.T/2016.

Keterangan:

(Remarks) Hasil analisa sesuai dengan nilai typical.

Manager Teknis,

Wachyu Waluyatullah

Catatan : Data analisa hanya berlaku untuk sampel yang diuji di Laboratorium PT. Petrolab Services
(Note) Pengaduan tidak dilayani setelah 30 hari dari tanggal report diterbitkan.

RK/5.10/01/01/05

*) Diluar ruang lingkup akreditasi