



Certificate No. 01662/ALBFAM
Date: July 25, 2019



SUCOFINDO

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REPORT OF ANALYSIS

PRINCIPAL : PT. SINERGI GLOBAL MANDIRI
Jl. Raya Laswi No. 758, Ciparay
Kabupaten Bandung

SUBJECT : GAS OIL

DATE OF RECEIVED : July 1, 2019

DATE OF ANALYSIS : July 5 up to 17, 2019

TESTED FOR : As order

DESCRIPTION OF SAMPLE : Sample was submitted by client
- Packing : Unsealed glass bottle
- Volume : ± 2 Liter

IDENTIFICATION SAMPLE : MINYAK DIESEL HASIL PRODUKSI PABRIK PT. SGM

Parameter	Unit	Results *)	Requirement **		Methods
			Diesel 1		
			Min	Max	
Density @ 15°C	kg/m ³	846.1	-	900	ASTM D 4052-18
Color ASTM	No. ASTM	2.5	6	-	ASTM D.1500-12 (2017)
Calculated Cetane Index	-	58.0	35	-	ASTM D.4737-10 (2016)
Kinematic Viscosity @ 40°C	mm ² /s	5.968	2.5	11.0	ASTM D.445-18
Pour Point	°C	- 9	-	18	ASTM D.97-17b
Sulfur Content	% wt	0.140	-	15	ASTM D.4294-16
Carbon Residue	% wt	0.01	-	0.50	ASTM D.4530-15
Water Content	% vol	Below 0.05	-	0.25	ASTM D.95
Sediment Content	% wt	0	-	0.02	ASTM D.473-07 (2017)
Ash Content (on 10 g)	% wt	0.001	-	0.02	ASTM D.482-13
Flash Point PMcc	°C	70.0	60	-	ASTM D.93-18
Vanadium (V)	mg/kg	Below 0.011	-	100	ICP
Alumunium (Al) + Silocon (Si)	mg/kg	8.31	-	25	ICP

*) Results based on Laboratory of Sucofindo Cibitung

**) SK Dirjen Migas No.14499K/14/DJM/2008

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Note : The test result (s) related to the sample (s) submitted only and the report/certificate cannot be reproduced in any Way, except in full context and with the prior approved in writting from Sucofindo laboratory.

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Dept. of Testing

Yuli Purwanto



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