

PIPE LAX

Revision No. : 04

Revision Date: 2020.01.20

Customer / Client Name:	SAVA ENERGY	Page No.	1 / 1
Address :	--	Certificate Issue Date :	2024.08.10
Tel/Fax No. :	9374656460	Request No. :	03RQ0103
Sample Description :	Pipe lax	Certificate No. :	03AD0150
Sample Delivery Date :	2024.08.04	Customer Sampling Code (B/N):	SE-PL-2024925
Sampling Date :	--	Customer Sampling Code (STK):	--
Sampling By :	Customer	Registered Sample Code:	--
Shipment Qty:	Lab Sample	Expire Date:	--

Laboratory Test Result

Laboratory Test Date	2024.08.07	Laboratory Temp	29	°C	Laboratory Humidity	22	%
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PDF-LAB-TP28-PDF	Test Description	Reference	Standard	Result
	Appearance	--	Yellowish Brown Liquid	Brown Liquid
	Specific Gravity	ASTM D1298	0.85-1.1	0.87
	Foaming Volume	ASTM D3601	Max.5%	0
	Solubility in oil	-	Soluble	Soluble
	Solubility in Water	-	Emulsion	Insoluble

Differential Sticking test based on NISOC Standard				
Composition	Torque Average	K _{SC}	Sticking percent	Releasing Percent
Blank (6% Bentonite Mud)	175	0.147	100	0
Base Fluid + 1 lb/bbl	120	0.125	70.4	29.6
Base Fluid + 2 lb/bbl	70	0.06	59.2	40.8
Base Fluid + 3 lb/bbl	56	0.048	33.01	66.99

Prepared By
Laboratory ExpertSignature
Date: 2024.08.10**Approved By**
Laboratory supervisorSignature
Date: 2024.08.10**Confirmed By**
Laboratory ManagerSignature
Date: 2024.08.10

- Laboratory test result is only applicable to the received sample.
- Laboratory test result which has been issued from central laboratory is based on API13A and according to ISO/IEC17025:2017.
- This Report shall not be reproduced except in full without the written approval from Pars Drilling Fluids Laboratory
- Material Sample will be kept for 1 month from the date submitted to the company.

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