



Faculty of Research & Development in Upstream Industry
Petroleum Engineering Research Division
Drilling & Well Completion Technologies & Research Group



Client: Jahad Daneshgahi

Sample Type: Powder

Order ID: 2718353

Date of order: 1402/04/28

Date of Test: 1402/05/10

Referring to : ۱۵۰۷/۱۴۰۷/۱۹۸۲۱

Date of ref: 1402/04/26

Unit number: 5436

Evaluation of Dispersant JD-1 (Fresh Water)

Slurry Composition	UNIT	Slurry 1	Slurry 2
Cement G (Delijan)	Lb	110	110
Dispersant F.W (JD-1)	Lb/Sk	0.22	0.44
Water	Gal/Sk	5.94	5.94

PEROPERTIES		UNIT	Slurry 1	Slurry 2	
Density		pcf	118	118 ⁺	
Compressive strength @ 125 °F @ 24 hrs-water bath		psi	-	4200	
Rheology	@ 80 °F	PV	cp	45	36.75
		YP	Lbf/100ft ²	50	8.25
	@ 125 °F	PV	cp	37.5	30.75
		YP	Lbf/100ft ²	69.5	29.5

Comment: According to the test results, the Dispersant JD-1 sample meets the applicable condition criteria as a dispersant in Fresh water.

Note: Since, the sample was not taken by RRP1, the results are limited to submitted samples.

توجه: نظر به اینکه نمونه گیری توسط پژوهشگاه صنعت نفت انجام نگردیده است؛ نتایج بدست آمده منحصر به نمونه ارسالی بوده و قابل تعمیم به کل محموله نمی باشد.

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