

SILANE 4.0 DISTILLATION

Customer: PTRHTF10093	System Information	Sample Information			
REC GROUP	System Volume: 50000 gal	Lab No: 02626260			
3322 ROAD N N.E.	Bulk Operating Temp: 420F / 216C	Analyst: Ron LeBlanc			
MOSES LAKE, WA 98837 US	Heating Source:	Sample Date: 03/25/24			
Attn: Chris Fuller	Blanket:	Received Date: 04/02/24			
Tel: (509)793-0723	Fluid: PETRO CANADA CALFLO AF	Completed: 04/11/24			
E-Mail: chris.fuller@recsilicon.com	Make: COEN	Ron LeBlanc			
		Ronald.LeBlancSr@HFSinclair.com			

Recommendation: This sample appears normal. We are having R&D identify if the hidden oxidation additives are still in good condition.

Comments:

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
03/25/24	04/02/24	28.0m	EAST FRAC	417 / 214	8	30.4	0.02	0.044	699 / 371	797 / 425	894 / 479	1.43
03/24/24	04/02/24	180.0m	WEST FRAC	428 / 220	8	30.6	0.01	0.056	699 / 371	798 / 426	896 / 480	1.44
05/14/19	05/24/19	28.0m	TCS INLET VENT	396 / 202	5.7	30.7	0.065	0.175	690 / 366	781 / 416	869 / 465	0.00
01/16/19	01/25/19	28.0m	TCS INLET VENT	394 / 201	43.9	31.0	0.06	0.072	669 / 354	771 / 411	870 / 465	3.46
10/30/18	11/06/18	25.0m		410 / 210	23.1	31.0	0.20	0.470	697 / 370	800 / 427	898 / 481	1.09





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