

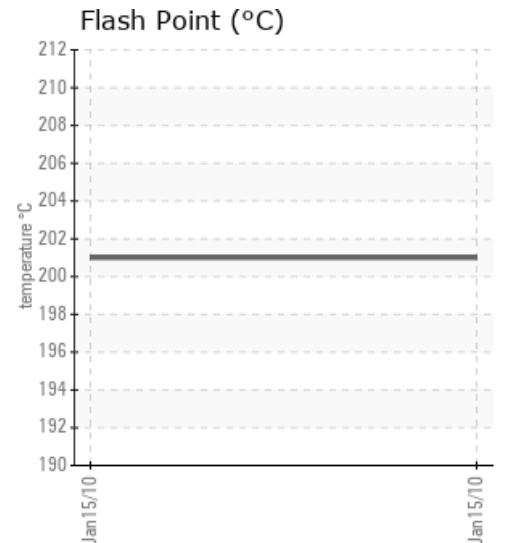
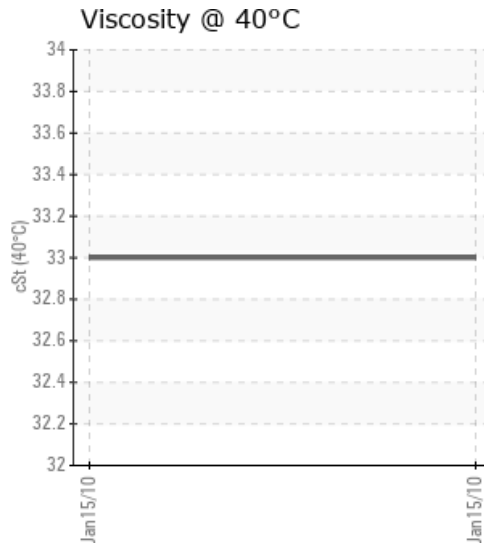
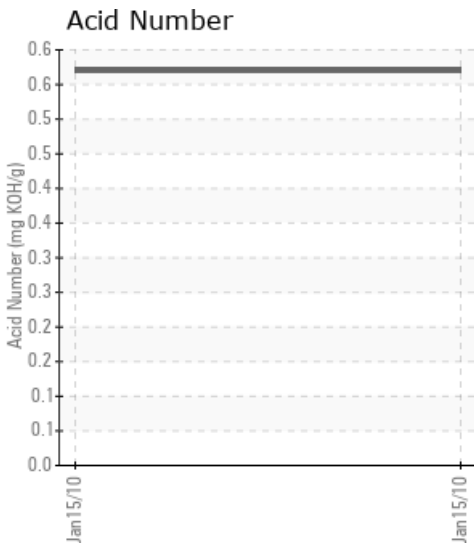
## [Disto Oil Loop] SILANE 4.0 DISTILLATION

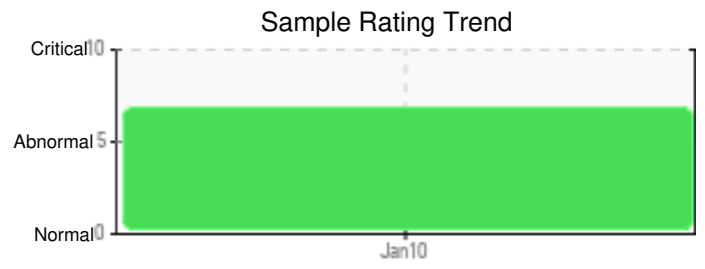
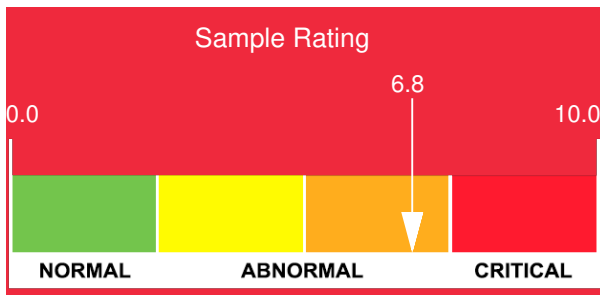
Customer: PTRHTF10093	System Information	Sample Information
REC GROUP 3322 ROAD N N.E. MOSES LAKE, WA 98837 USA Attn: Sam Bright Tel: (509)766-8902 E-Mail: sam.bright@recsilicon.com	System Volume: 50000 gal Bulk Operating Temp: 420F / 216C Heating Source: Blanket: Fluid: Make: COEN	Lab No: I-W61701 Analyst: Gaston Arseneault Sample Date: 01/15/10 Received Date: 11/10/10 Completed: 11/12/10 To discuss this report contact Gaston Arseneault at 973-986-6503

Recommendation:

Comments: Silicon is at a SEVERE LEVEL; Acid Number is MODERATELY HIGH. Flash point is SLIGHTLY LOW.

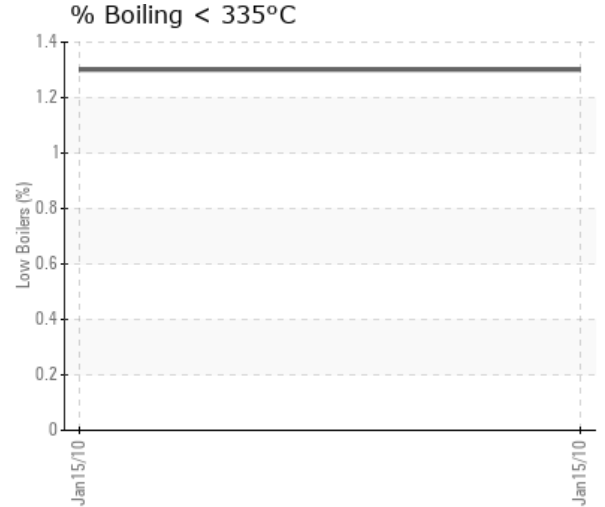
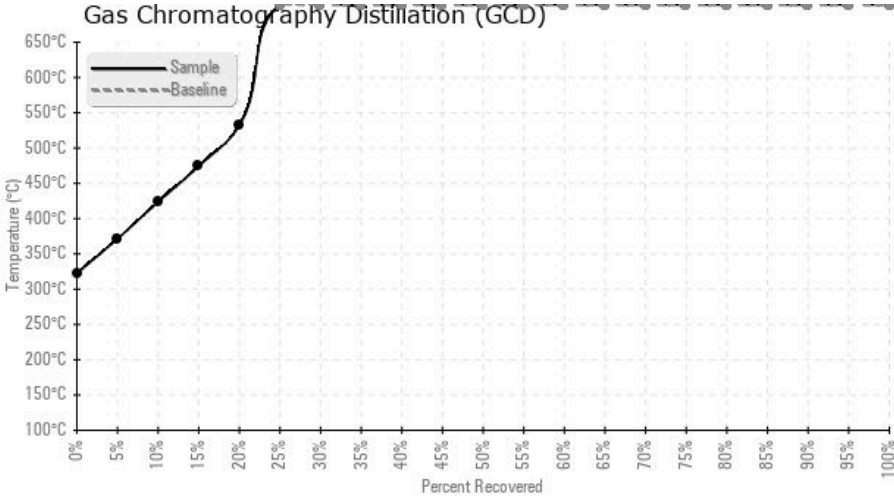
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
01/15/10	11/10/10		TCS VAP	394 / 201	103	33	0.57	0.047	700 / 371	794 / 424	886 / 474	1.301
Baseline Data												





Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
01/15/10	4	0	0	0	0	0	15	0	0	0	281	0	0	0	0	0	0	0	0	0	0	0	11	0
<b>Baseline Data</b>																								

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



### Historical Comments
