

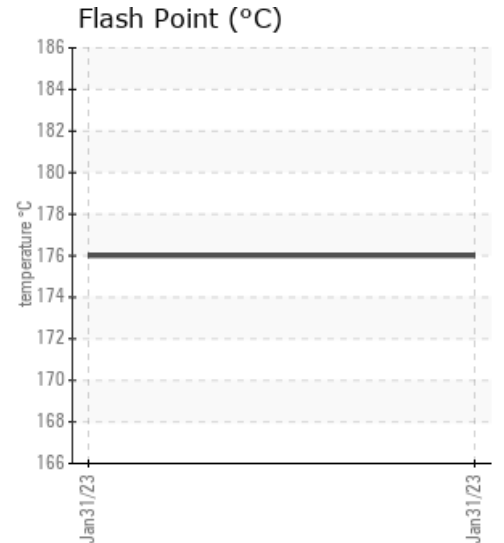
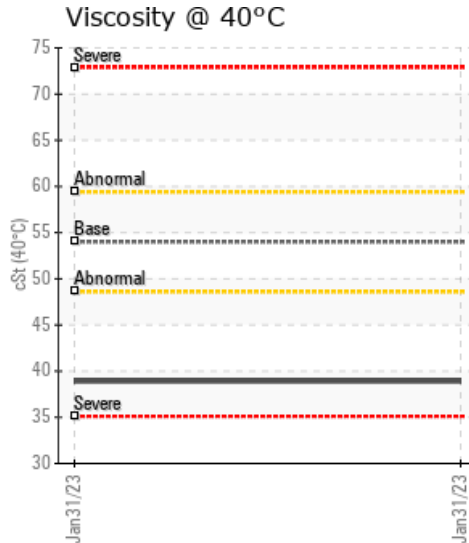
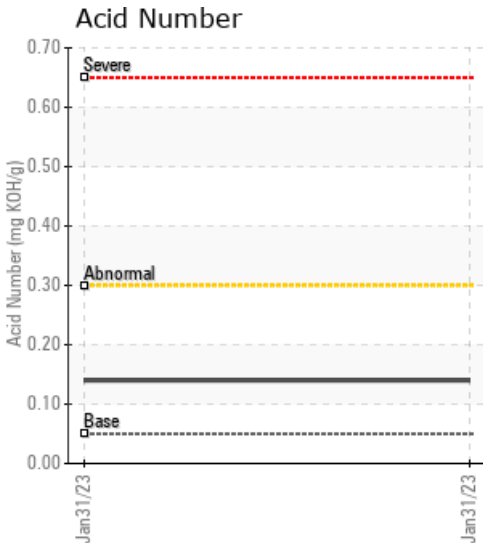
HEAT TRANSFER

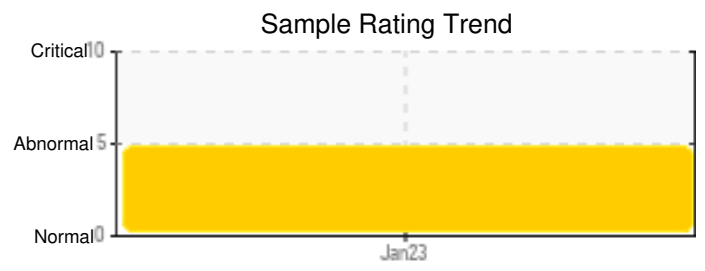
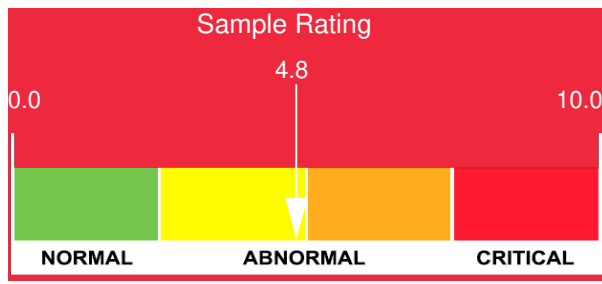
Customer:	System Information	Sample Information
CANADIAN CHEMICAL CLEANING 1099 HWY #6, R.R. #2 HAMILTON, ON L8N 2Z7 Canada Attn: Len MacDonald Tel: (905)689-2266 E-Mail: len.macdonald@reladyne.com	System Volume: 0 gal Bulk Operating Temp: 405F / 207C Heating Source: Blanket: Fluid: SHELL HEAT TRANSFER OIL S2 X Make:	Lab No: 02537039 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 01/31/23 Received Date: 02/01/23 Completed: 02/09/23 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: We recommend that you vent the expansion tank to remove low boilers which assists in restoring the flash point of the fluid. We recommend an early resample to monitor this condition.

Comments: {not applicable} The fluid contains a moderate amount of low boilers that are reducing the flash point and lowering the viscosity. COC Flash Point is severely low. (GCD) 10% Distillation Point is abnormally low. Visc @ 40°C is abnormally low. (GCD) % < 335°C is marginally high.

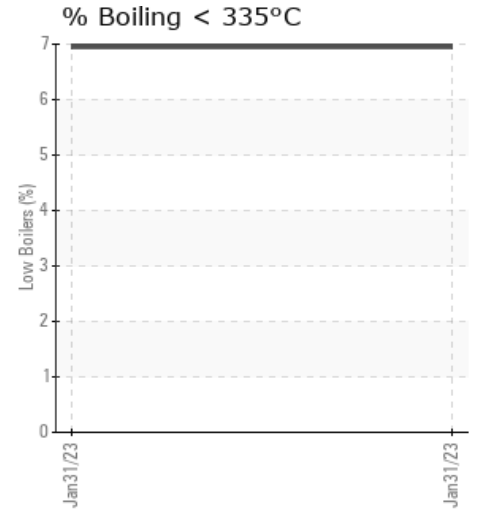
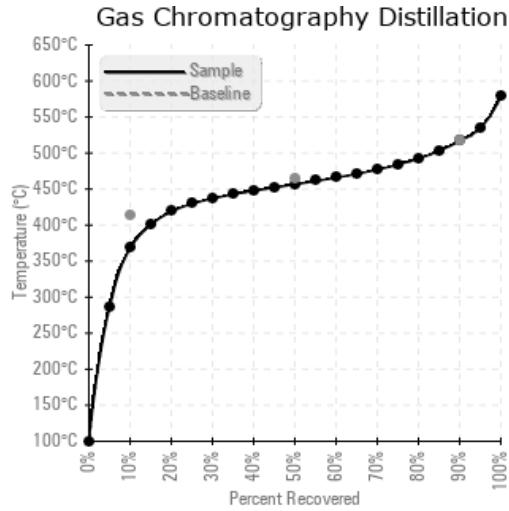
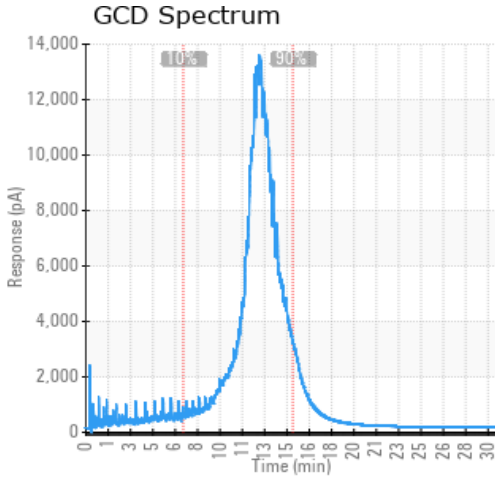
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
01/31/23	02/01/23	0.0h		349 / 176	14.5	38.9	0.14	0.065	694 / 368	854 / 457	962 / 517	6.95
Baseline Data				500 / 260		54	0.05		777 / 414	867 / 464	964 / 518	0.00





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
01/31/23	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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



Historical Comments
