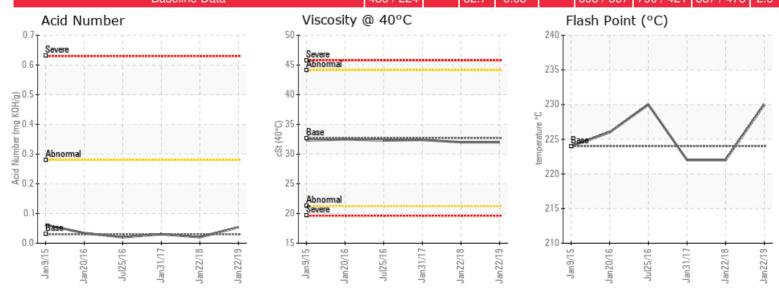


Recommendation: Sample results indicate that the fluid is suitable for continued service. Please re-sample in 12 months.

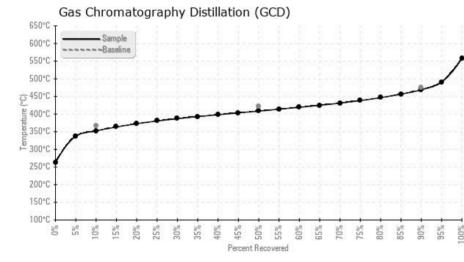
Comments:

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	%
01/22/19	02/04/19	4y	FILTER POT	446 / 230	18.6	32.0	0.054	0.066	666 / 352	767 / 409	876 / 469	3.95
01/22/18	01/29/18	Зу		432 / 222	35.5	32.0	0.02	0.034	696 / 369	785 / 419	893 / 478	0.00
01/31/17	02/13/17	2у	PUMP DISCHARGE	432 / 222	0.6	32.4	0.03	0.009	699 / 371	797 / 425	902 / 483	0.99
07/25/16	07/28/16	2у	PUMP DISCHARGE	446 / 230	345.1	32.3	0.02	0.013	700 / 371	797 / 425	902 / 484	0.65
01/20/16	01/28/16	1y	BEOFRE FILTERS	439 / 226	10.3	32.5	0.034	0.061	698 / 370	799 / 426	901 / 483	1.21
01/09/15	01/20/15	1y	INLET TO FILTER	435 / 224	85.8	32.3	0.062	0.159	715 / 379	800 / 427	908 / 487	0.00
Baseline Data			435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5	

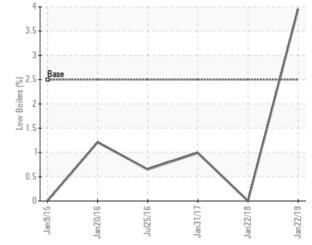




Elemental anaysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



## % Boiling < 335°C



	al			

01/22/18	Sample results indicate that the fluid is suitable for continued service. Consider re-sampling in 12 months
01/31/17	Sample indicates that oil is in good condition and suitable for continued use. Resample in 6 months.
07/25/16	The fluid is in good condition but the water content has increased. The reported operating temperature of 65 degrees C (is very low !) may result in some condensation taking place. If the water content increases further, please boil-off the water. At the moment this water content is not a problem. The fluid is suitable for further use. Please re-sample in 6 months.
01/20/16	Oil looks fine and is suitable for continued use.
01/09/15	This sample is marginally high in the (GCD) 90% Distillation Point indicating some heavier ends in the oil sample however the oil is suitable for continued use. Resample in 6 months. (GCD) 90% Distillation Point is marginally high.

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