

WANSON 400LNE

Customer: PTRHTF40024
 ABBOTT LABORATORIES BV
 RIETWEG 21
 OVERIJSEL
 ZWOLLE, OVE NETHERLANDS
 Attn: Maintenance Manager
 Tel:
 E-Mail:

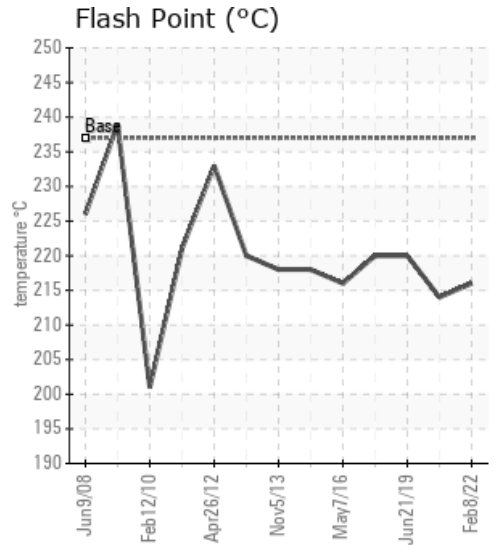
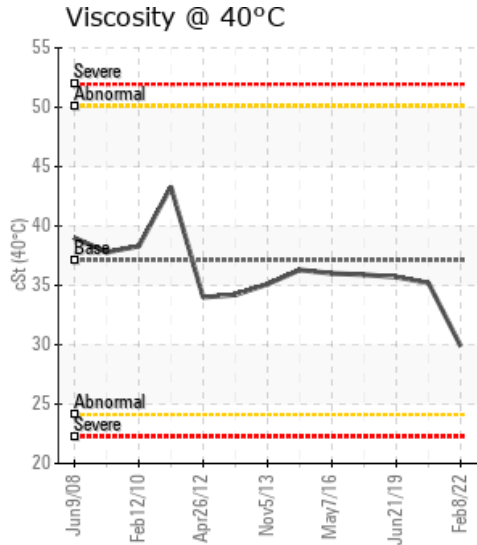
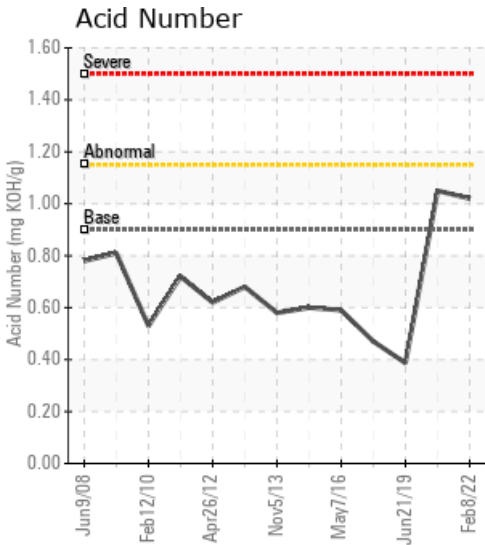
System Information
 System Volume: 1200 ltr
 Bulk Operating Temp: 265F / 129C
 Heating Source:
 Blanket:
 Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID
 Make: WANSON

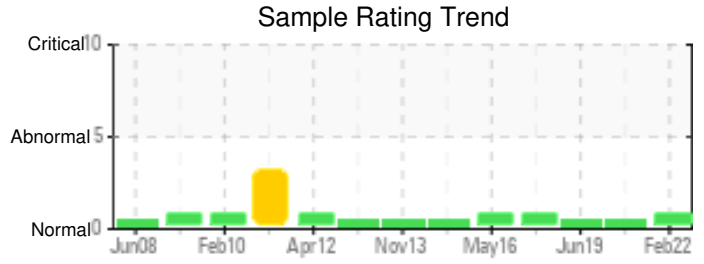
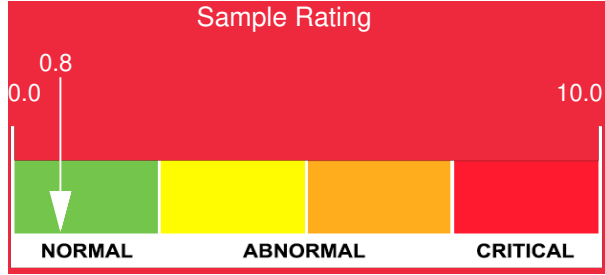
Sample Information
 Lab No: 02471933
 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I
 Sample Date: 02/08/22
 Received Date: 02/14/22
 Completed: 02/24/22
 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: GCD 90 has increased slightly. Fluid fit for further service. Sample at next normal service interval.

Comments: (GCD) 90% Distillation Point is marginally high.

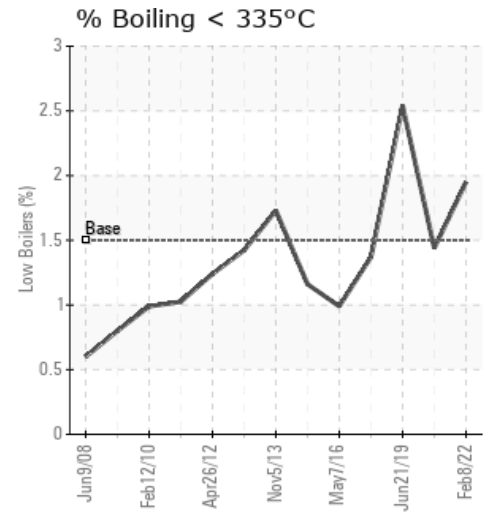
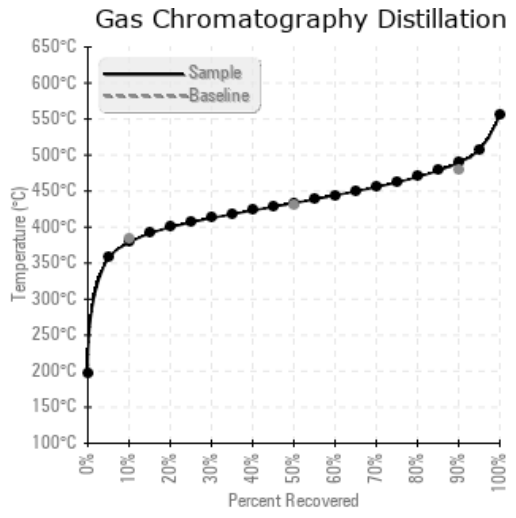
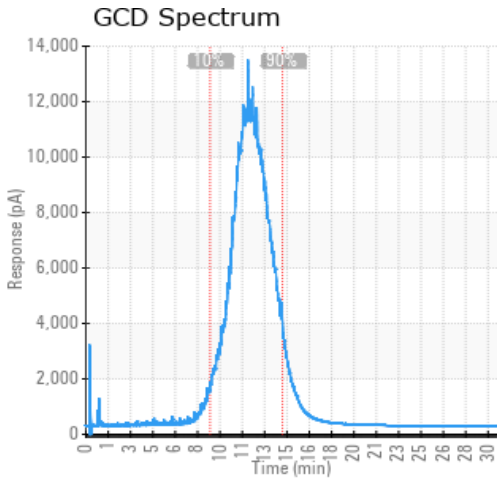
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/08/22	02/14/22	9.3y		421 / 216	15.2	29.9	1.02	0.080	713 / 378	812 / 433	913 / 489	1.95
11/20/20	12/02/20	7.5y		417 / 214	19.8	35.2	1.05	0.169	715 / 379	812 / 433	910 / 488	1.44
06/21/19	07/02/19	6.5y		428 / 220	33.0	35.7	0.387	0.110	701 / 372	803 / 428	904 / 484	2.54
10/10/17	10/23/17	5.0y		428 / 220	14.1	35.9	0.47	0.056	709 / 376	810 / 432	920 / 494	1.37
05/07/16	07/11/16	4.0y		421 / 216	0.00	36.0	0.59	0.174	714 / 379	814 / 434	926 / 497	0.99
Baseline Data				459 / 237		37.12	0.90		721 / 383	807 / 431	892 / 478	1.5





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	
02/08/22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	
11/20/20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	0
06/21/19	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	0
10/10/17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	0
05/07/16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0
Baseline Data			0	0						0			0	0				0	0					230	

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



Historical Comments	
11/20/20	Fluid fit for further use.
06/21/19	All parameters within normal limits. Fit for further use and please re-sample at normal frequency
10/10/17	Improved result from previous, possible some sweetening of the fluid/system. Slight anomaly with GCD. Fit for further use (GCD) 90% Distillation Point is abnormally high.
05/07/16	Oil is in good condition and fit for further service. Suggest sample at next scheduled maintenance interval. (GCD) 90% Distillation Point is abnormally high.

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