

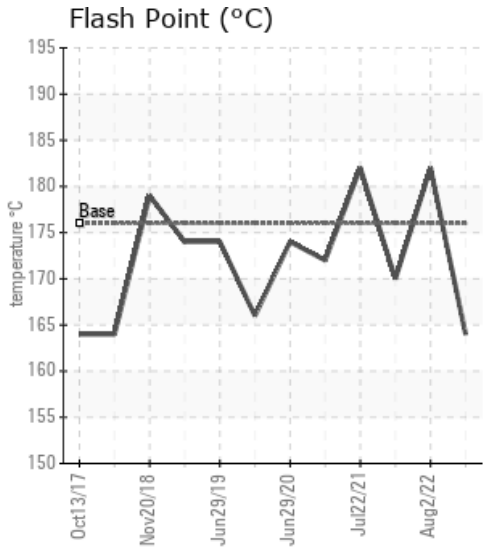
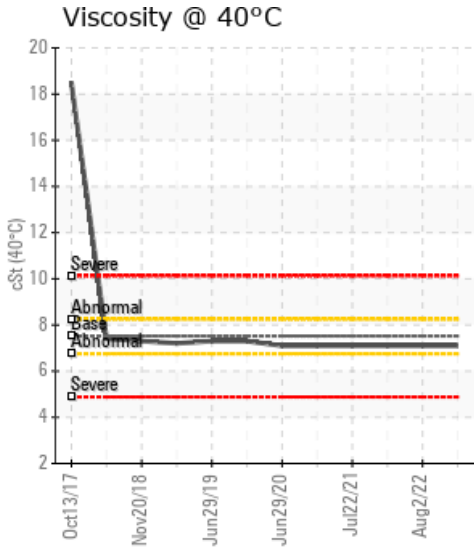
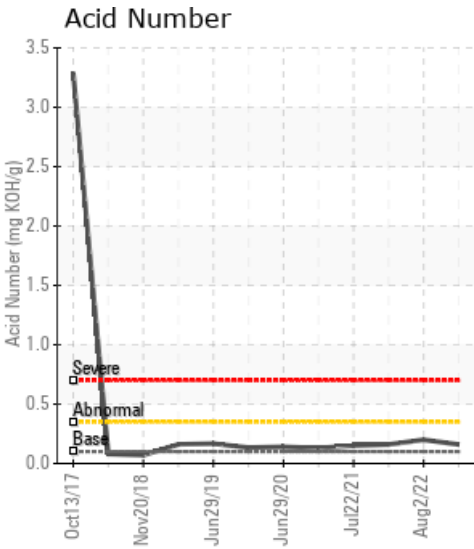
POWDER SLUSH COLD OIL RETURN

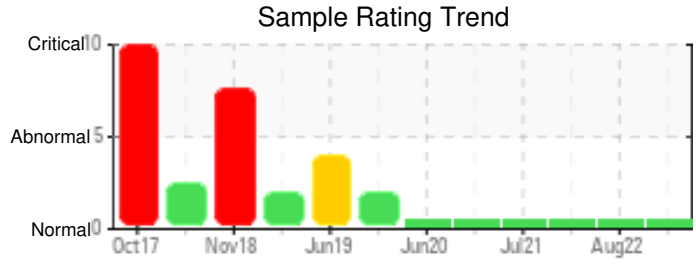
Customer: PTRHTF30023	System Information	Sample Information
INOAC INTERIOR SYSTEMS 575 JAMES STREET SOUTH ST MARYS, ON N4X 1B9 Canada Attn: ANDREW COCKBURN Tel: (519)349-3323 E-Mail: ANDREW.COCKBURN@JCI.COM	System Volume: 14000 ltr Bulk Operating Temp: 500F / 260C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO LT Make: BP&R CONSTRUCTION	Lab No: 02531587 Analyst: Yen Garcia Sample Date: 12/23/22 Received Date: 01/05/23 Completed: 01/20/23 Yen Garcia yen.garcia@HFSinclair.com

Recommendation: All parameters are within specs. However, the Flash point is slightly lower than previous samples. Continue monitoring.

Comments:

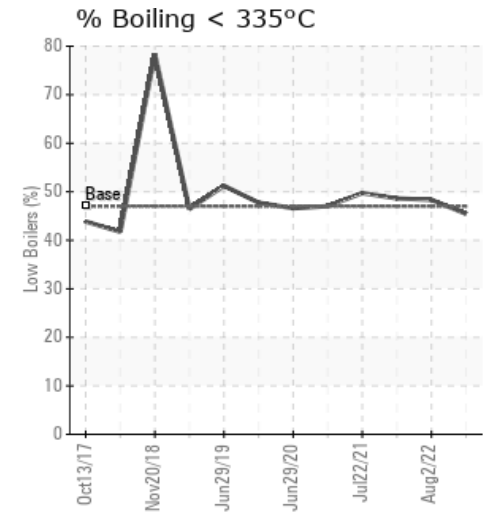
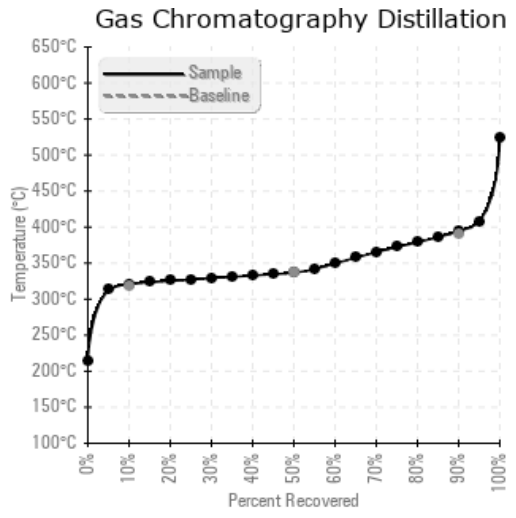
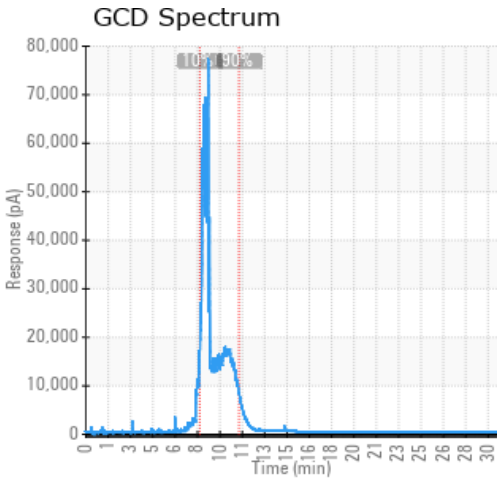
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
12/23/22	01/05/23	0.0h	COLD OIL RETURN	327 / 164	9.0	7.1	0.16	0.109	609 / 321	638 / 337	742 / 394	45.45
08/02/22	08/08/22	0.0h		360 / 182	25.8	7.1	0.20	0.217	607 / 319	636 / 335	739 / 393	48.33
12/24/21	01/07/22	0.0h		338 / 170	8.5	7.1	0.16	0.026	606 / 319	636 / 335	738 / 392	48.62
07/22/21	07/23/21	0.0h		360 / 182	24.5	7.1	0.15	0.146	606 / 319	635 / 335	735 / 391	49.73
11/26/20	12/03/20	0.0h		342 / 172	19.3	7.1	0.13	0.047	608 / 320	636 / 336	737 / 392	47.03
Baseline Data				349 / 176		7.52	0.1		604 / 318	640 / 338	734 / 390	47.0





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
12/23/22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	101	0
08/02/22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	0
12/24/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	0
07/22/21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	0
11/26/20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81	0
Baseline Data			0	0						0			0	0				0	0				270	

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



Historical Comments

08/02/22	No action needed at this time.
12/24/21	Sample results indicate that the fluid is suitable for continue use. Please, sample at the next appropriate interval (6 to 9 months). No action needed at this time.
07/22/21	Results of the heat transfer oil for the Cold Oil Return are typical for Calflo LT. No evidence of product degradation. Viscosity, Total Acid Number, GCD, Flash Point are within typical parameters. Fluid is suitable for continued use. Submit sample at next appropriate interval (6 - 9 months).
11/26/20	Sample is consistent with used Calflo LT. Sample indicates fluid is suitable for continued use. Sample at next interval.

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