

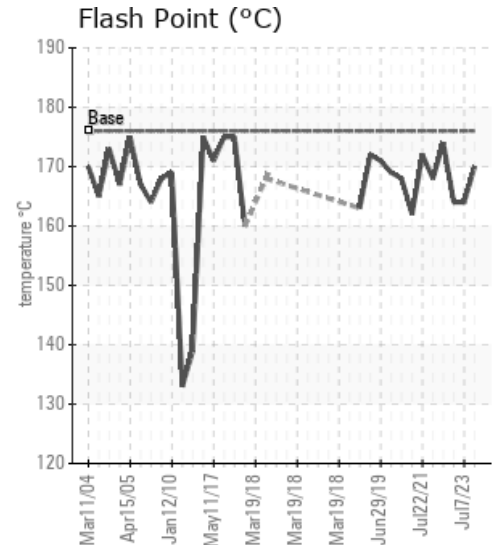
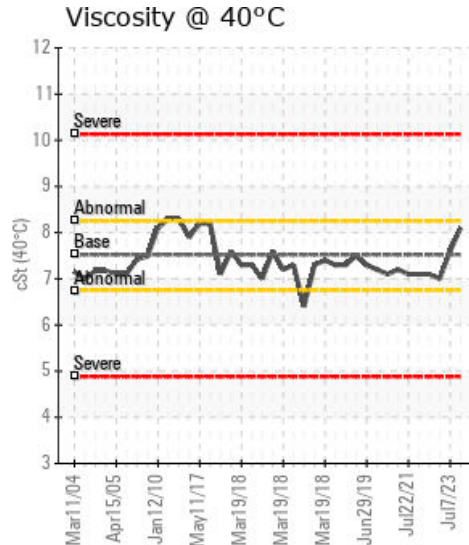
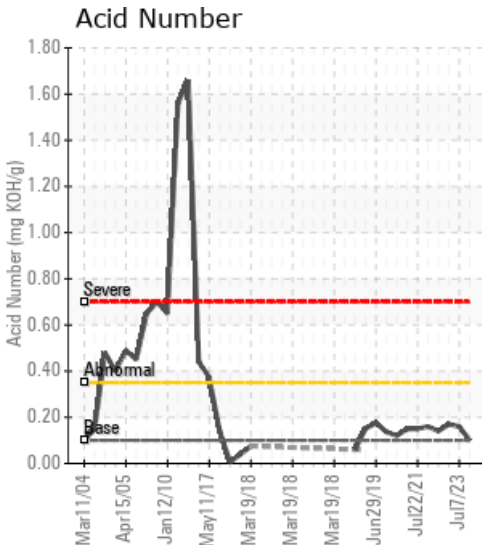
## POWDER SLUSH HOT OIL

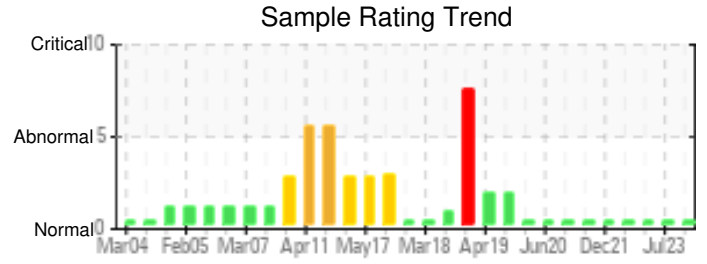
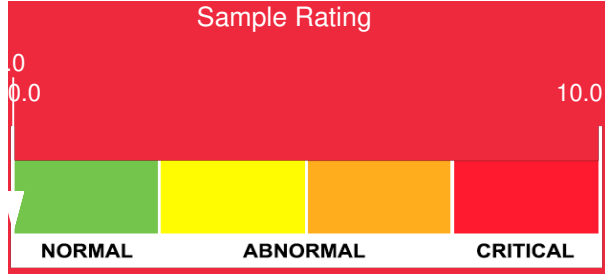
Customer: PTRHTF30023	System Information	Sample Information
INOAC INTERIOR SYSTEMS 575 JAMES STREET SOUTH ST MARYS, ON N4X 1B9 CA Attn: ANDREW COCKBURN Tel: (519)349-3323 E-Mail: ANDREW.COCKBURN@JCI.COM	System Volume: 14000 ltr Bulk Operating Temp: 500F / 260C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO LT Make: BP&R CONSTRUCTION	Lab No: 02613597 Analyst: Yen Garcia Sample Date: 02/02/24 Received Date: 02/05/24 Completed: 02/29/24 Yen Garcia yen.garcia@HFSinclair.com

Recommendation: All the test results are normal. Sample the fluid at the next interval.

Comments:

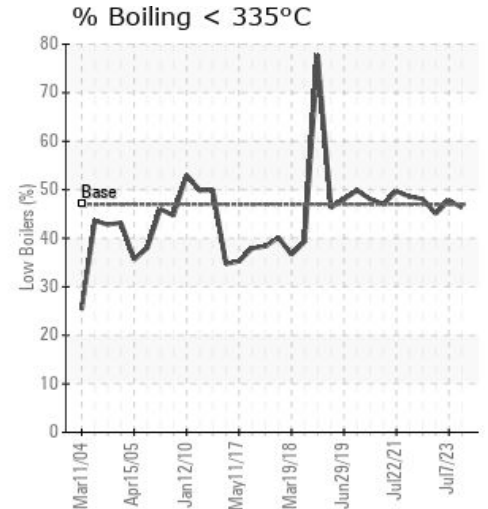
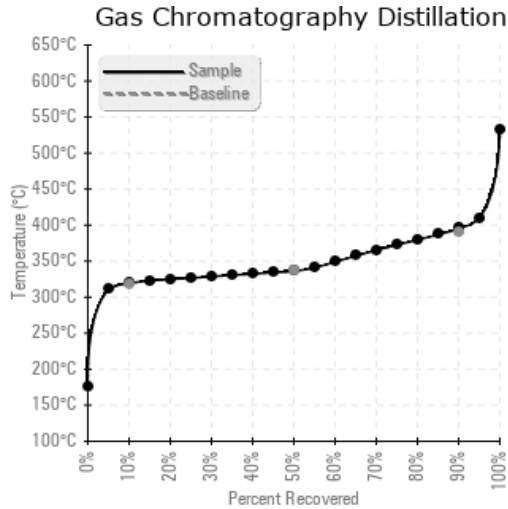
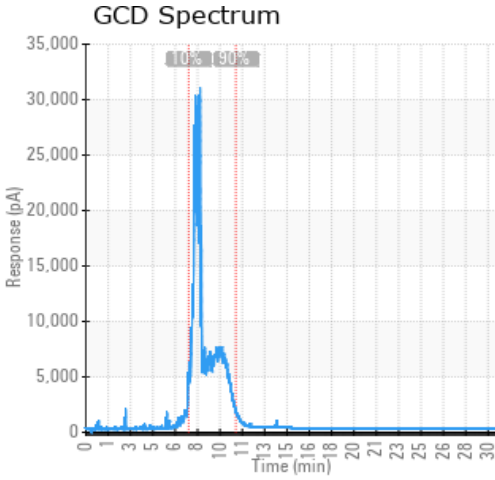
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/02/24	02/05/24	0.0h		338 / 170	38	8.1	0.10	0.027	606 / 319	637 / 336	743 / 395	46.32
07/07/23	07/10/23	0.0h	RETURN	327 / 164	27.7	7.6	0.16	0.043	605 / 319	636 / 336	745 / 396	47.81
12/23/22	01/05/23	0.0h	HOT OIL RETURN	327 / 164	13.5	7	0.17	0.054	609 / 321	638 / 337	742 / 394	45.04
08/02/22	08/08/22	0.0h		345 / 174	26.1	7.1	0.14	0.318	607 / 320	636 / 335	739 / 393	48.11
12/24/21	01/07/22	0.0h		334 / 168	7.5	7.1	0.16	0.027	606 / 319	636 / 336	739 / 393	48.57
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
02/02/24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	89	0
07/07/23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	1
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	93	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	100	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

07/07/23	The fluid remains within optimal parameters and the tests results are similar to the previous one. No further actions are required at this time.
12/23/22	All sample test results are within specs. Please, keep monitoring.
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.

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