

POWDER SLUSH HOT OIL

Customer: PTRHTF30023	System Information	Sample Information			
INOAC INTERIOR SYSTEMS	System Volume: 14000 ltr	Lab No: 02330472			
575 JAMES STREET SOUTH	Bulk Operating Temp: 500F / 260C	Analyst: Adam Koscielak			
ST MARYS, ON N4X 1B9 Canada	Heating Source:	Sample Date: 12/27/19			
Attn: ANDREW COCKBURN	Blanket:	Received Date: 01/08/20			
Tel: (519)349-3323	Fluid: PETRO CANADA CALFLO LT	Completed: 01/15/20			
E-Mail:	Make: BP&R CONSTRUCTION				
ANDREW.COCKBURN@JCI.COM					

Recommendation: Current analysis of the Hot Oil system indicates the oil is suitable for continued use. GCD profile is consistent with Calflo LT. Acid number, Viscosity are consistent. No indication of wear metals. Pentane insoluble have shown an increase. Please ensure that sample line is flushed thoroughly to remove an insolubles that may have accumulated before the sample is taken. Resample at 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	%
12/27/19	01/08/20	0h	RETURN	336 / 169	10.2	7.2	0.137	0.176	605 / 318	634 / 335	728 / 387	49.83
06/29/19	07/08/19	0h		340 / 171	9.9	7.3	0.176	0.034	604 / 318	637 / 336	735 / 391	48.01
04/17/19	04/22/19	0h	RETURN	342 / 172	9.1	7.5	0.151	0.035	606 / 319	639 / 337	740 / 393	46.30





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