

WANSON BH/INC 1200

Customer: PTRHTF40127	System Information	Sample Information			
Dalco Foods B.V	System Volume: 4200 gal	Lab No: 02386078			
Everdenberg 50	Bulk Operating Temp: 518F / 270C	Analyst: Matthias Voss			
Oosterhout, 4902TT Netherlands	Heating Source:	Sample Date: 11/02/20			
Attn: Wilbert Snijers	Blanket:	Received Date: 11/09/20			
Tel:	Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID	Completed: 11/13/20			
E-Mail: w.snijers@klt.nl	Make: WANSON	Matthias Voss			
		Matthias Voss@petrocanadalsp.com			

Recommendation: Flash Point (COC) is very low and off specification. Recommend venting the system in order to reduce number of low boilers and recover flash point.

Comments: COC Flash Point is severely low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.

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	%
11/02/20	11/09/20	Зу		298 / 148	9.6	24.6	0.30	0.136	649 / 343	798 / 425	899 / 482	8.68
04/10/20	04/17/20	2у		324 / 162	19.3	25.7	0.28	0.065	677 / 358	800 / 427	898 / 481	6.44
11/14/19	11/26/19	2у		338 / 170	10.4	25.9	0.284	0.106	616 / 325	780 / 416	883 / 473	<mark>10.68</mark>
07/01/19	07/09/19	7у		338 / 170	25.6	27.0	0.245	0.079	640 / 338	782 / 417	886 / 475	<mark>9.18</mark>
02/28/19	03/06/19	9у		349 / 176	18.2	28.6	0.359	0.111	684 / 362	791 / 422	887 / 475	5.18







Historical Comments

Percent Recovered

8

6

5

3

2

Bas

May8/18

Aug8/18

Dec3/18

Feb28/19

Jul1/19

Vov14/19

Apr10/20

Vov2/20

Boilers (%)

MO 4



Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.