



LN01 Filled Sealdown Loop Hot Oil System

Customer: PTRHTF10141	System Information	Sample Information
TAMKO BUILDING PRODUCTS 2300 35TH ST TUSCALOOSA, AL 35401 USA Attn: Greg Colburn Tel: (205)752-3555 E-Mail: gregory_colburn@tamko.com	System Volume: 110 gal Bulk Operating Temp: 350F / 177C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO HTF Make: Heat Exchanger And T	Lab No: 02174550 Analyst: Manny Garcia Sample Date: 10/02/17 Received Date: 10/10/17 Completed: 10/17/17 To discuss this report contact Manny Garcia at 954-384-7259

Recommendation: The distillation points may be mitigated by 'venting' the heat transfer system. Oil is suitable for continued use. Please send any samples in immediately after any maintenance has been completed to rectify the distillation points.

Comments: Wear Metals are satisfactory; Contamination levels are in check; Water is low at 9.9ppm; Acid number is low; Viscosity of the fluid is satisfactory at 35.5 Cst; COC Flash Point is good; (GCD) 10% Distillation Point is marginally high. (GCD) 90% Distillation Point is marginally low. Pentane insolubles are low; No visible debris detected.

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	%
10/02/17	10/10/17	0m		442 / 228	9.9	35.5	0.101	0.023	740 / 393	807 / 431	890 / 477	0.00
Baseline Data				448 / 231		35.20	.1		712 / 378	810 / 432	910 / 488	1.75



