



HEATEC - ABOVE PUMP

Customer: PTRHTF10113	System Information	Sample Information
MICHEL'S PAVING 1547 YOUPELL RD HEBRON, KY 41048 USA Attn: MIKE H Tel: (859)647-3139 E-Mail: mikeh@michelsconstruction.com	System Volume: 400 gal Bulk Operating Temp: 345F / 174C Heating Source: Blanket: Fluid: SHELL THERMIA OIL C Make: HEATEC	Lab No: 01949311 Analyst: Ken Humphries Sample Date: 09/26/14 Received Date: 10/03/14 Completed: 10/17/14 To discuss this report contact Ken Humphries at (513)769-4392

Recommendation: Sample is beginning to show signs of thermal degradation. Retest at 6 month interval to see if progression of breakdown has occurred. Also, how long has this oil been in service? Please include this information on the label as it is critical to help us evaluate product performance.

Comments: COC Flash Point is marginally low. (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	%
09/26/14	10/03/14	0y	ABOVE PUMP	421 / 216	24.2	47.9	0.18	0.227	723 / 384	860 / 460	963 / 517	3.54
Baseline Data				500 / 260		64	0.005		777 / 414	867 / 464	964 / 518	0.00



