

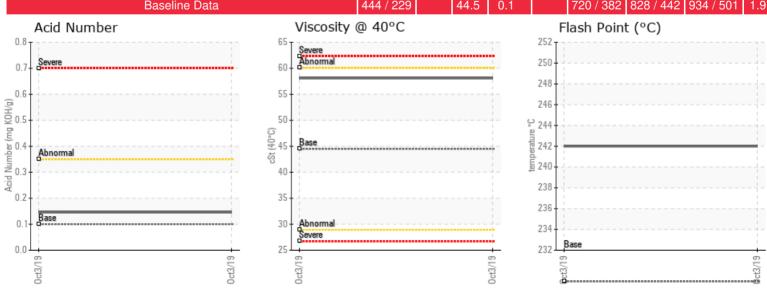
HEAT TRANSFER

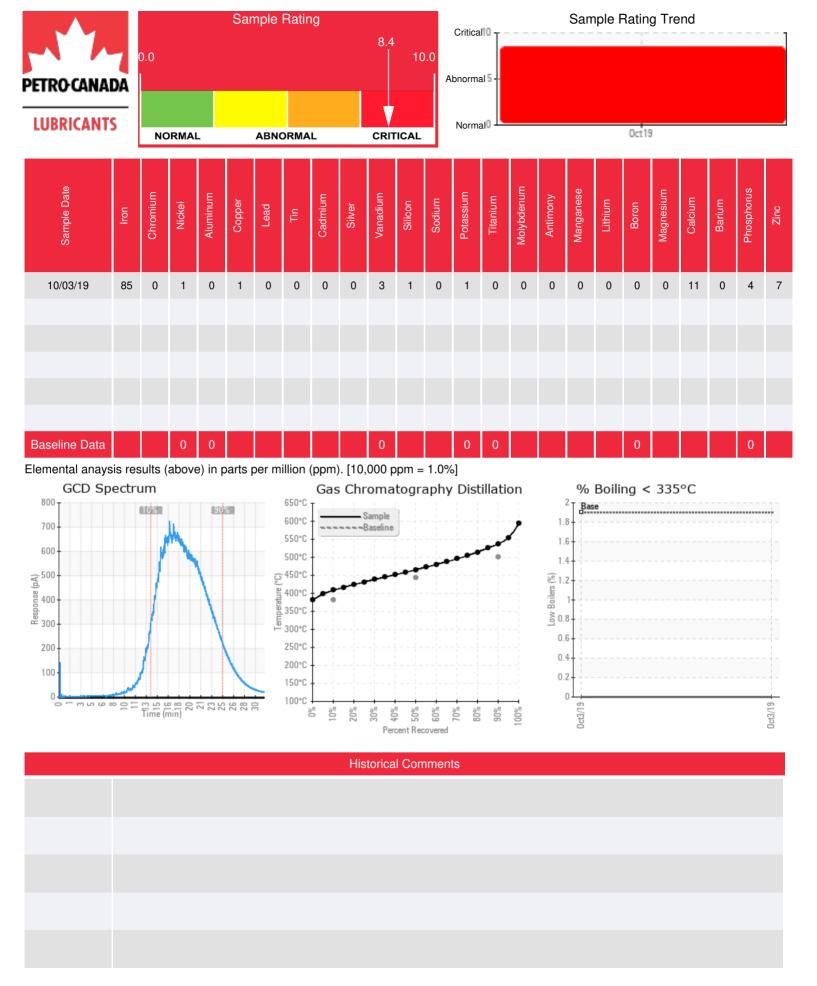
Customer: PTRHTF10221	System Information	Sample Information			
ASPHALT PAVING AND SUPPLY	System Volume: 0 gal	Lab No: 02314438			
2425 N. GLASSFORD MILL RD	Bulk Operating Temp: 355F / 179C	Analyst: Steven Slanker			
PRESCOTT VALLEY, AZ 86314 USA	Heating Source:	Sample Date: 10/03/19			
Attn: Dale Kutsch	Blanket:	Received Date: 10/15/19			
Tel:	Fluid: SCHAEFFER 281 HEAT TRANSFER OIL	Completed: 12/03/19			
E-Mail: asphaltplant@nicnd.com	Make: CYCLONETIC				

Recommendation: Sample rating is very poor. Pentane insoluble, 90% distillation point and viscosity are severely high. Acid number is also high. Fluid has been heavily oxidized. Recommend drain, clean, flush and recharge.

Comments: Pentane Insolubles levels are severely high. Acid Number (AN) is severely high. (GCD) 90% Distillation Point is severely high. (GCD) 10% Distillation Point is abnormally high. (GCD) 50% Distillation Point is marginally high.

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	%
10/03/19	10/15/19	2у	8FT FROM EXPAN TANK	468 / 242	27.4	58.1	0.146	2.63	766 / 408	869 / 465	998 / 537	0.00
	Rasolino Data			111 / 220		115	0.1		720 / 282	999 / 119	024 / 501	10





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