



HEATTRANSFER

Customer: PTRHTF10218	System Information	Sample Information
SUPERIOR READY MIX 7500 MISSION GORGE RD SAN DIEGO, CA 92120 USA Attn: Jim Metcalf Tel: (619)572-5459 E-Mail: jmetcalf@superiorrm.com	System Volume: 550 gal Bulk Operating Temp: 400F / 204C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: CEI	Lab No: 02298692 Analyst: Steven Slanker Sample Date: 07/10/19 Received Date: 07/23/19 Completed: 08/07/19

Recommendation: The flash point is low, the boiling point is low and the < 335°C distillation percent is high. Probably left over cleaning fluid. Recommend venting off the low boilers to bring up the flash point. Otherwise the fluid looks good.

Comments: (GCD) % < 335°C is marginally high. COC Flash 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	%
07/10/19	07/23/19	0h		356 / 180	21.1	29.0	0.206	0.107	668 / 353	796 / 424	888 / 475	7.27
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00



