



04954933

Customer:	System Information	Sample Information
WEARCHECK USA 501 Madison Ave Cary, NC 27513 USA Attn: CATHERINE ANASTASIO Tel: E-Mail: CANASTASIO@WEARCHECKUSA.CO	System Volume: 1500 gal Bulk Operating Temp: 345F / 174C Heating Source: Blanket: Fluid: SCHAEFFER 281 HEAT TRANSFER OIL Make: HEATEC	Lab No: 02349444 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 04/03/20 Received Date: 04/17/20 Completed: 04/27/20 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: We recommend that you monitor this fluid, and take a resample in six months.

Comments: All component wear rates are normal. The water content is negligible. Acid Number (AN) is abnormally high. The high AN level of the fluid indicates the presence of oxi-polymerized products. The AN level is much higher than the recommended limit.

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	%
04/03/20	04/17/20	15y		478 / 248	75.3	39.0	0.74	1.83	713 / 378	802 / 428	937 / 503	0.00
Baseline Data				444 / 229		44.5	0.1		720 / 382	828 / 442	934 / 501	1.9



