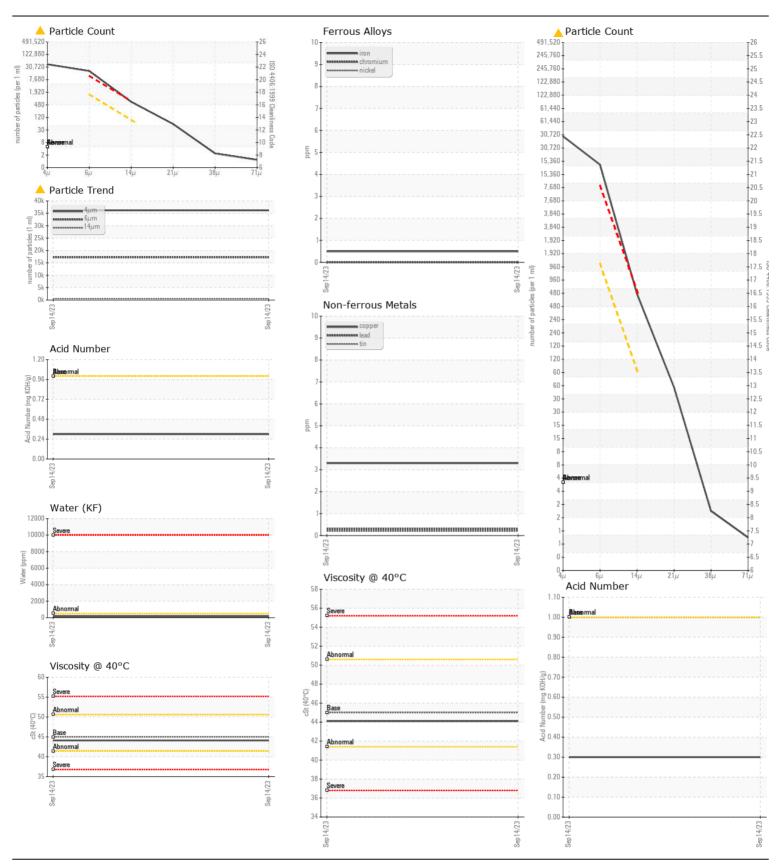
WEAR CONTAMINATION **FLUID CONDITION**

NORMAL ABNORMAL NORMAL

8742418 (S/N 1428)

Component Compressor

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		KCPA000647		
lo corrective action is recommended at this time. The filter change at	Sample Date		Client Info		14 Sep 2023		
the time of sampling has been noted. Resample at the next service interval to monitor.	Machine Age	hrs	Client Info		2935		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		Changed		
	Sample Status				ABNORMAL		
VEAR	Iron	ppm	ASTM D5185m	<u>>50</u>	<1		
VEAN	Chromium	ppm	ASTM D5185m		0		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m		0		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		3		
	Tin	ppm		>10	<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
ONTAMINATION	Silicon	ppm	ASTM D5185m		<1		
There is a high amount of particulates present in the oil.	Potassium	ppm	ASTM D5185m		7		
	Water	%	ASTM D6304	>0.05	0.015		
	ppm Water	ppm	ASTM D6304	>500	153.1		
	Particles >4µm		ASTM D7647	1000	36207		
	Particles >6µm		ASTM D7647		▲ 17233 ▲ 507		
	Particles >14µm		ASTM D7647		<u>▲</u> 587		
	Particles >21µm		ASTM D7647		<u> </u>		
	Particles >38µm		ASTM D7647		2 1		
	Particles >71µm		ASTM D7647				
	Oil Cleanliness Silt	cooler	ISO 4406 (c) *Visual	>/17/13 NONE	22/21/16 NONE		
	Debris	scalar scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor		*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.05	NEG		
LUID CONDITION	Sodium	ppm	ASTM D5185m	•	4		
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m		0		
	Barium	ppm	ASTM D5185m		38		
	Molybdenum	ppm	ASTM D5185m	0	0		
	Manganese	ppm	ASTM D5185m	100	<1		
	Magnesium	ppm	ASTM D5185m		34		
	Calcium	ppm	ASTM D5185m		2		
	Phosphorus	ppm	ASTM D5185m		2		
	Zinc	ppm	ASTM D5185m		4		
	Sulfur	ppm	ASTM D5185m		21251		
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.30		





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: KCPA000647 : 05971469 : 10683419

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 06 Oct 2023 Recieved Diagnosed : 10 Oct 2023

Diagnostician : Don Baldridge

Test Package : IND 2 (Additional Tests: KF, PrtCount) To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

TBC MFG INC 1815 WHITNEY RD CHEYENNE, WY US 82007 Contact: JEFF O.

jeffo@tubebendingconcepts.com T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: