



WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id  
**NOT GIVEN CCSI2006304 - KELLY PACKARD KANSAS CITY MO (S/N NO INFO GIVEN)**

Component  
**Compressor**

Fluid  
**REFRIG COMP OIL ISO 46 (--- GAL)**

**RECOMMENDATION**

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CCSI2006304	---	---
Sample Date		Client Info		26 Dec 2021	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ATTENTION	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	1	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	0	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>50	0	---	---
Tin	ppm	ASTM D5185m	>15	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

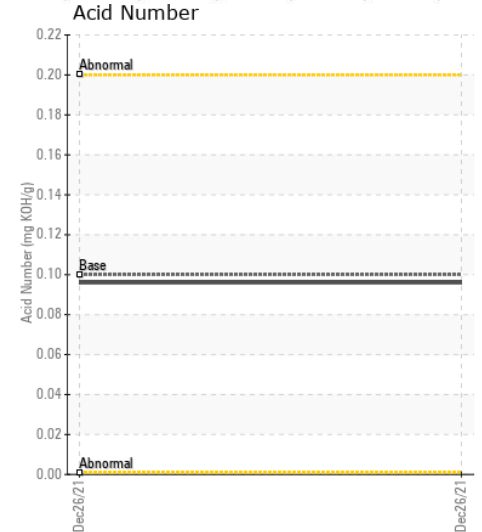
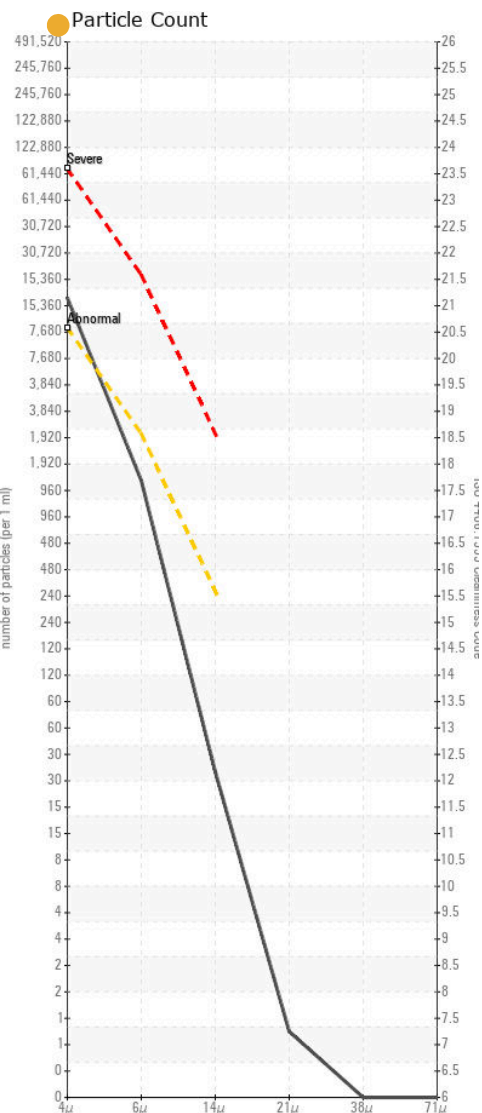
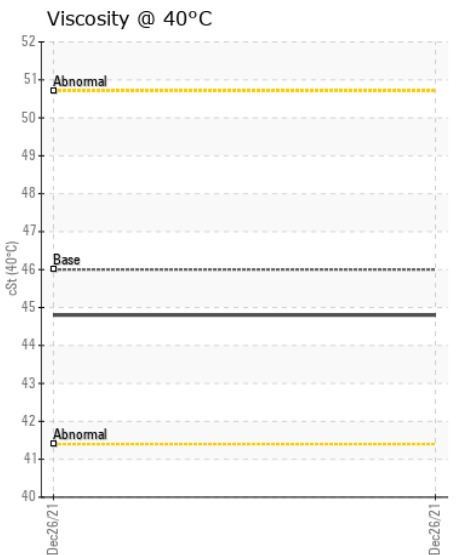
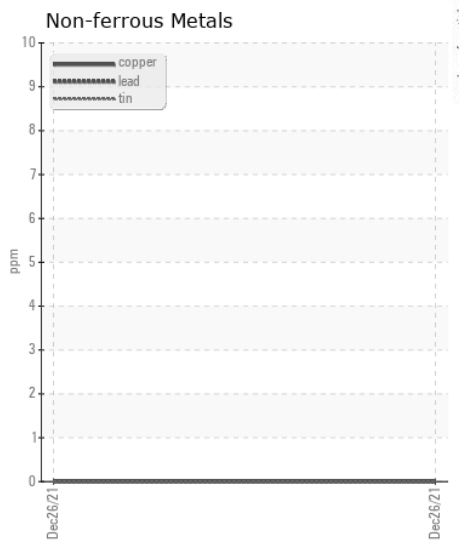
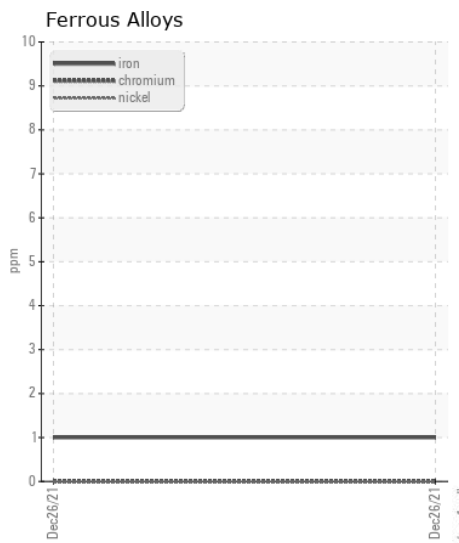
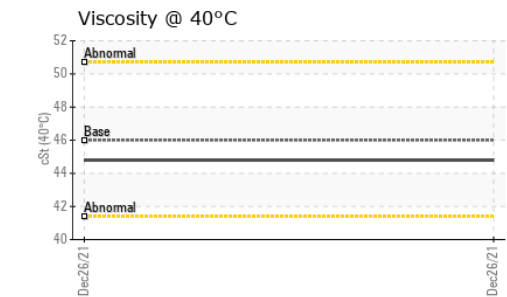
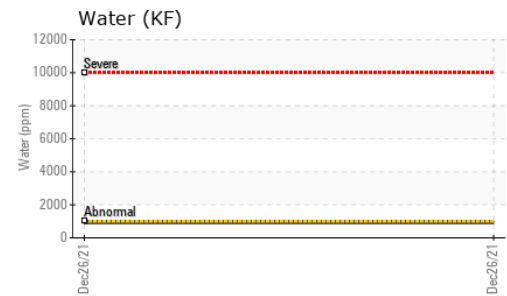
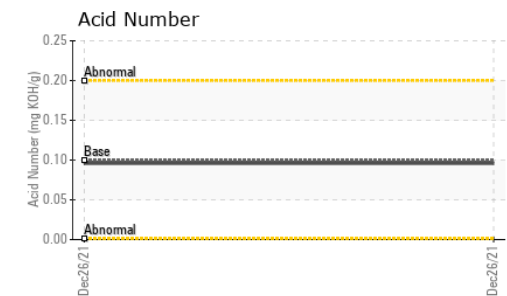
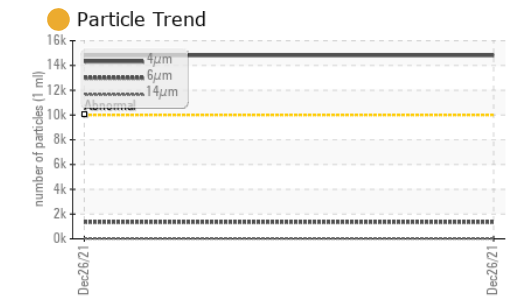
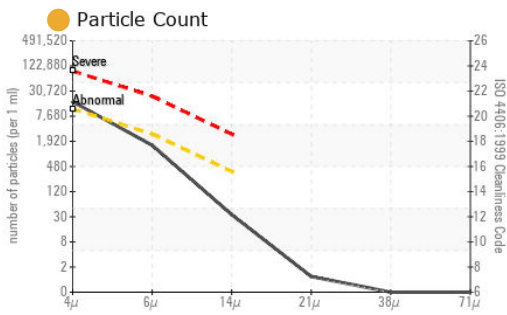
There is a moderate amount of silt (particulates < 6 microns in size) present in the oil.

Silicon	ppm	ASTM D5185m	>25	0	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water	%	ASTM D6304	>0.1	0.092	---	---
ppm Water	ppm	ASTM D6304	>1000	920	---	---
Particles >4µm		ASTM D7647	>10000	14810	---	---
Particles >6µm		ASTM D7647	>2500	1354	---	---
Particles >14µm		ASTM D7647	>320	30	---	---
Particles >21µm		ASTM D7647	>80	1	---	---
Particles >38µm		ASTM D7647	>20	0	---	---
Particles >71µm		ASTM D7647	>4	0	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/18/12	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	0.2%	---	---

**FLUID CONDITION**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m	5	<1	---	---
Barium	ppm	ASTM D5185m	5	0	---	---
Molybdenum	ppm	ASTM D5185m	5	0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m	5	0	---	---
Calcium	ppm	ASTM D5185m	12	0	---	---
Phosphorus	ppm	ASTM D5185m	12	4	---	---
Zinc	ppm	ASTM D5185m	12	0	---	---
Sulfur	ppm	ASTM D5185m	1000	11	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.10	0.096	---	---
Visc @ 40°C	cSt	ASTM D445	46	44.8	---	---



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : CCSI2006304 **Received** : 27 Dec 2021  
**Lab Number** : 05431734 **Tested** : 29 Dec 2021  
**Unique Number** : 9790926 **Diagnosed** : 29 Dec 2021 - Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: KF, PrtCount )

**CAMERON COMPRESSOR**  
 3101 BROADWAY  
 BUFFALO, NY  
 US 14225-0209  
 Contact: A DATTOLICO  
 adattolico@irco.com  
 T:  
 F:

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.

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