



WEAR  
CONTAMINATION  
FLUID CONDITION

**ATTENTION**  
**NORMAL**  
**NORMAL**

Area  
**PAL 32**  
Machine Id

**21GE002364 - DOUBLE GOOD**

Component  
**Compressor**

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### WEAR

An increase in the iron level is noted. All other component wear rates are normal.

### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

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

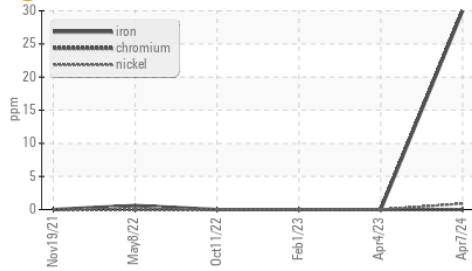
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06150514	UCS05815443	UCS05759503
Sample Date		Client Info		07 Apr 2024	04 Apr 2023	01 Feb 2023
Machine Age	hrs	Client Info		15249	9040	7803
Oil Age	hrs	Client Info		3000	3500	7803
Filter Age	hrs	Client Info		3000	3500	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>50	30	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	2	0	0
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

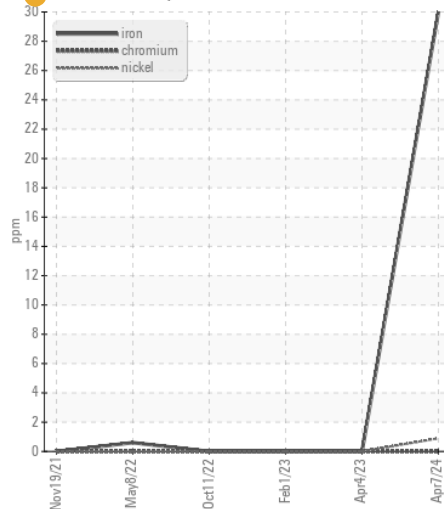
Silicon	ppm	ASTM D5185m	>25	<1	0	0
Potassium	ppm	ASTM D5185m	>20	2	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		3	0	<1
Boron	ppm	ASTM D5185m	1	0	0	0
Barium	ppm	ASTM D5185m	730	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0.0	2	0	0
Magnesium	ppm	ASTM D5185m	0	2	0	0
Calcium	ppm	ASTM D5185m	0	6	0	0
Phosphorus	ppm	ASTM D5185m	0	413	331	379
Zinc	ppm	ASTM D5185m	0	0	0	0
Sulfur	ppm	ASTM D5185m	590	1560	973	1031
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.47	0.33	0.19
Visc @ 40°C	cSt	ASTM D445	42.8	43.2	42.2	41.8

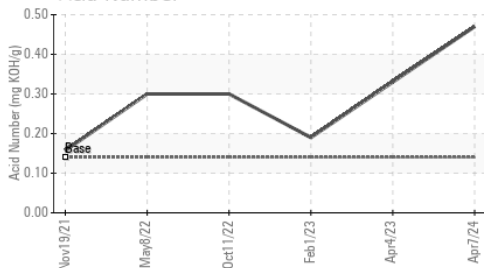
**Ferrous Alloys**



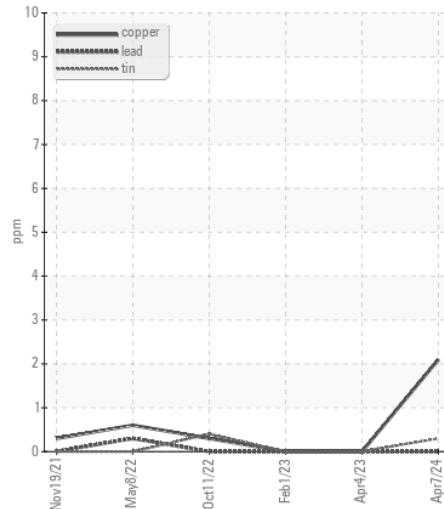
**Ferrous Alloys**



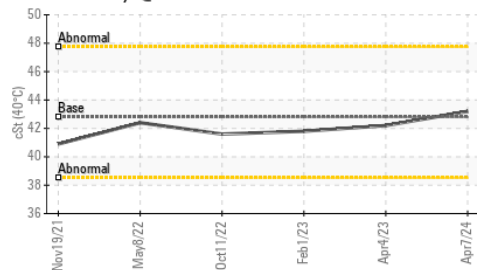
**Acid Number**



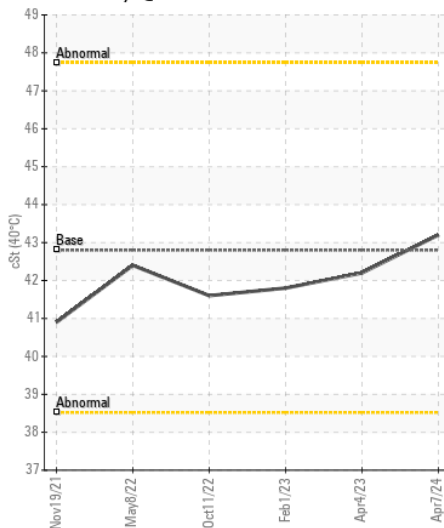
**Non-ferrous Metals**



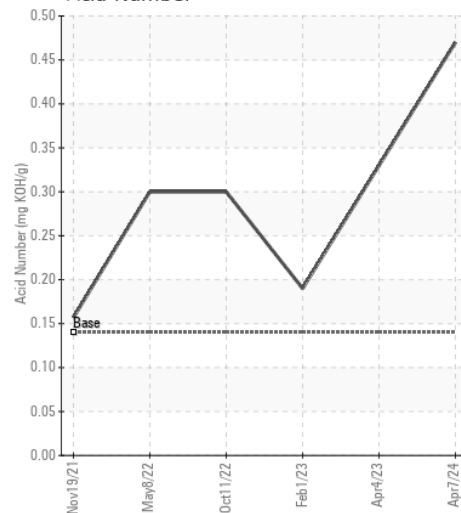
**Viscosity @ 40°C**



**Viscosity @ 40°C**



**Acid Number**



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06150514  
**Lab Number** : 06150514  
**Unique Number** : 10980592  
**Test Package** : IND 2  
**Received** : 16 Apr 2024  
**Tested** : 17 Apr 2024  
**Diagnosed** : 18 Apr 2024 - Don Baldrige

**HARRIS EQUIPMENT**  
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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)