



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

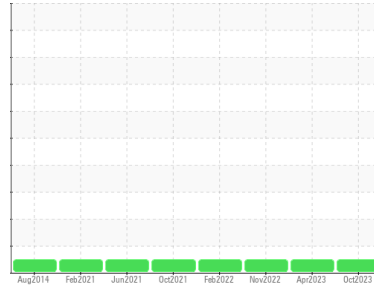
LTL PS3C

Machine Id

DEKKER UMX0550KA1-00 A15651 - ALL CLAD

Component

Compressor



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. Chlorine 16.4 ppm.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH06007041	UCH05824161	UCH05699076
Sample Date	Client Info		16 Oct 2023	18 Apr 2023	14 Nov 2022
Machine Age	hrs	Client Info	71674	71178	70974
Oil Age	hrs	Client Info	1005	509	305
Oil Changed		Client Info	N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	2	1	1
Chromium	ppm	ASTM D5185m >10	<1	0	0
Nickel	ppm	ASTM D5185m	0	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	<1	0	0
Aluminum	ppm	ASTM D5185m >25	1	0	<1
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	<1	0	<1
Tin	ppm	ASTM D5185m >15	0	0	0
Antimony	ppm	ASTM D5185m	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.8	0	0	0
Barium	ppm	ASTM D5185m 0	0	0	0
Molybdenum	ppm	ASTM D5185m 0	0	0	<1
Manganese	ppm	ASTM D5185m 0.2	0	<1	0
Magnesium	ppm	ASTM D5185m 0.4	<1	1	0
Calcium	ppm	ASTM D5185m 0	5	4	3
Phosphorus	ppm	ASTM D5185m 257	215	215	208
Zinc	ppm	ASTM D5185m 0	0	3	0
Sulfur	ppm	ASTM D5185m 2633	2009	2592	2098

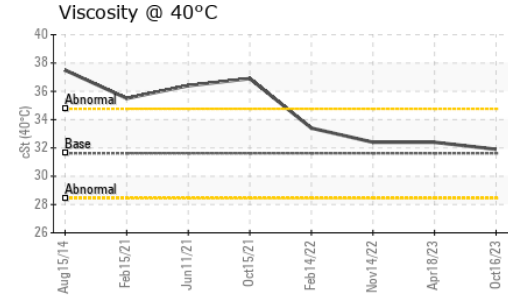
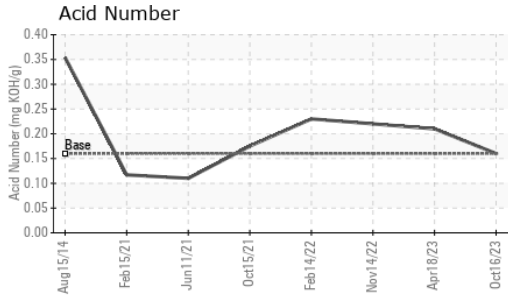
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	4	3	2
Sodium	ppm	ASTM D5185m	4	6	6
Potassium	ppm	ASTM D5185m >20	<1	0	0
Chlorine Content	ppm	ASTM D5185m	16.4	67.9	5.66

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.16	0.16	0.21	0.22

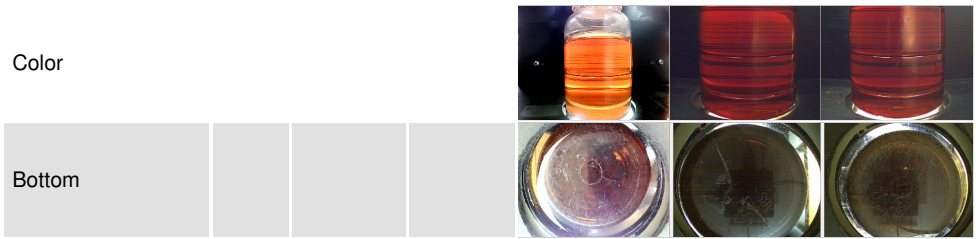
OIL ANALYSIS REPORT



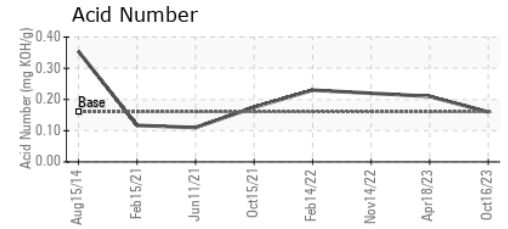
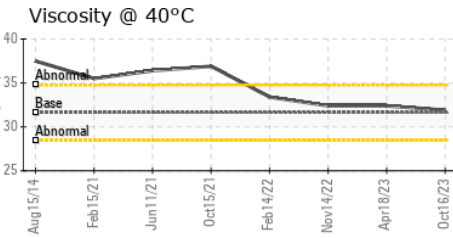
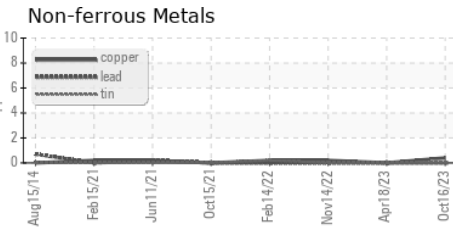
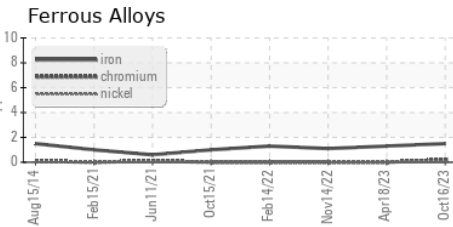
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	31.62	31.9	32.4	32.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06007041 **Received** : 14 Nov 2023
Lab Number : 06007041 **Diagnosed** : 24 Nov 2023
Unique Number : 10740803 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: CHLORINEXRF)

ROCKWELL EQUIPMENT & SUPPLY CO
 PO BOX 114
 VERSAILLES, PA
 US 15137
 Contact: DINO PICCOLINO
 DINOP@ROCKWELLEQUIPMENT.COM
 T: (412)824-9903
 F: (412)824-9271

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)