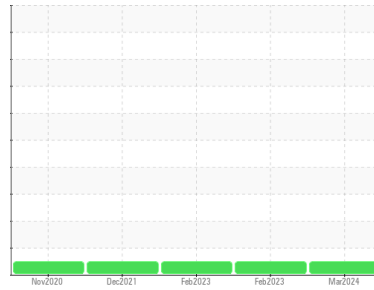




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
ULTRACHEM P-ACO 68 [1676177]
 Machine Id
L7-CAL-HYD - PFNONWOVENS
 Component
Hydraulic System

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All 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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH06205628	UCH05831950	UCH05782547
Sample Date	Client Info		26 Mar 2024	22 Feb 2023	16 Feb 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
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	>0.05	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	3	<1	0
Chromium	ppm	ASTM D5185m >20	<1	0	0
Nickel	ppm	ASTM D5185m >20	0	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >20	<1	0	0
Lead	ppm	ASTM D5185m >20	3	0	0
Copper	ppm	ASTM D5185m >20	4	<1	0
Tin	ppm	ASTM D5185m >20	1	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	0	0
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	2	0	0
Manganese	ppm	ASTM D5185m	2	0	0
Magnesium	ppm	ASTM D5185m	<1	1	0
Calcium	ppm	ASTM D5185m	43	56	49
Phosphorus	ppm	ASTM D5185m	173	201	195
Zinc	ppm	ASTM D5185m	158	207	195
Sulfur	ppm	ASTM D5185m	2687	2997	2614

CONTAMINANTS

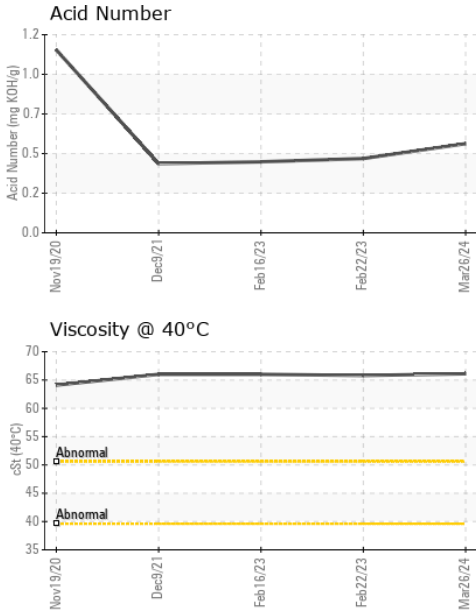
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	2	<1	0
Sodium	ppm	ASTM D5185m	3	0	0
Potassium	ppm	ASTM D5185m >20	6	1	<1

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	---	1566	---
Particles >6µm	ASTM D7647	>1300	---	538	---
Particles >14µm	ASTM D7647	>160	---	34	---
Particles >21µm	ASTM D7647	>40	---	6	---
Particles >38µm	ASTM D7647	>10	---	0	---
Particles >71µm	ASTM D7647	>3	---	0	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	---	18/16/12	---



OIL ANALYSIS REPORT

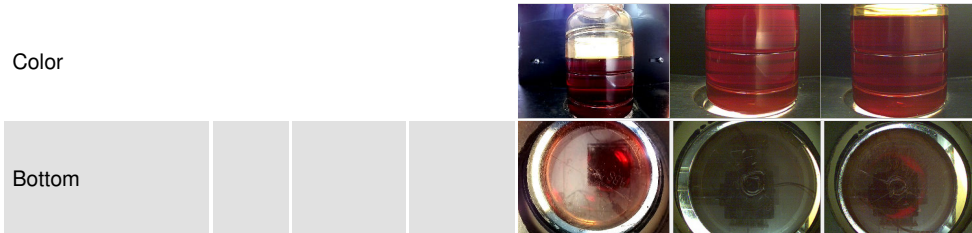


FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.54	0.45	0.43

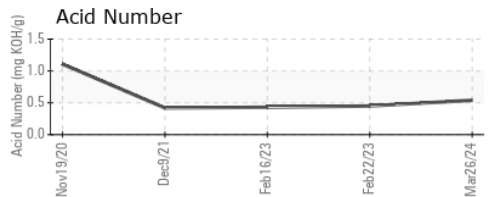
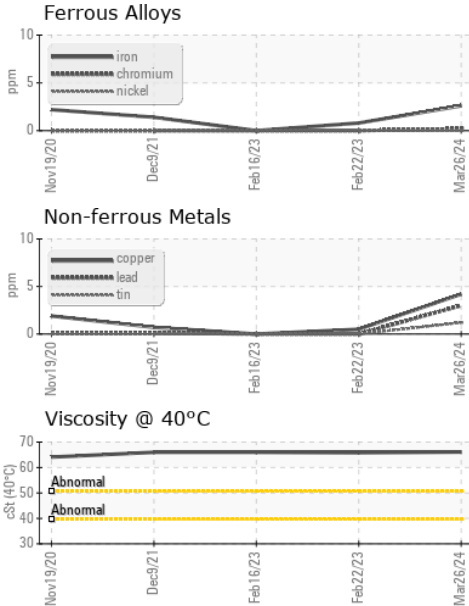
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		66.1	65.8	66.0

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06205628 **Received** : 10 Jun 2024
Lab Number : **06205628** **Tested** : 13 Jun 2024
Unique Number : 11073089 **Diagnosed** : 13 Jun 2024 - Sean Felton
Test Package : IND 2

CORROSION PRODUCTS & EQUIPMENT
 940 POINTVIEW AVE
 EPHRATA, PA
 US 17522
 Contact: RYAN HUNGARTER
 rhungarter@corrosion-products.com
 T: (717)961-1998
 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)