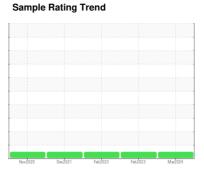


OIL ANALYSIS REPORT

Area

ULTRACHEM P-ACO 68 [1676177] 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.

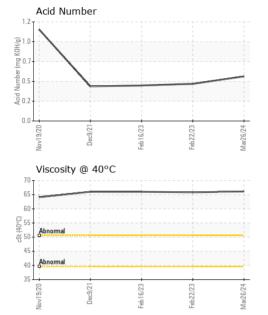
Fluid Condition

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

SAMPLE INFORM	MATION	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	V	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
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current 0	history1	history2
	ppm		limit/base		•	· ·
Boron	• • • • • • • • • • • • • • • • • • • •	ASTM D5185m	limit/base	0	0	0
Boron Barium	ppm	ASTM D5185m ASTM D5185m	limit/base	0 0	0	0
Boron Barium Molybdenum	ppm	ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2	0 0 0	0 0 0
Boron Barium Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2	0 0 0 0	0 0 0
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 2 <1	0 0 0 0	0 0 0 0
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 2 <1 43	0 0 0 0 1 56	0 0 0 0 0 0 49
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 2 <1 43 173	0 0 0 0 1 56 201	0 0 0 0 0 0 49 195
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 2 <1 43 173	0 0 0 0 1 56 201 207	0 0 0 0 0 0 49 195
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 <1 43 173 158 2687	0 0 0 0 1 56 201 207 2997	0 0 0 0 0 49 195 195 2614
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 2 2 2 <1 43 173 158 2687	0 0 0 0 1 56 201 207 2997 history1	0 0 0 0 0 49 195 195 2614
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >15	0 0 2 2 2 <1 43 173 158 2687 current	0 0 0 0 1 56 201 207 2997 history1	0 0 0 0 0 0 49 195 195 2614 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >15	0 0 2 2 <1 43 173 158 2687 current 2	0 0 0 0 1 56 201 207 2997 history1 <1 0	0 0 0 0 0 49 195 195 2614 history2 0
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >15 >20	0 0 2 2 <1 43 173 158 2687 current 2 3	0 0 0 0 1 56 201 207 2997 history1 <1 0	0 0 0 0 0 49 195 195 2614 history2 0 0
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >15 >20 limit/base	0 0 2 2 2 <1 43 173 158 2687 current 2 3 6 current	0 0 0 0 1 56 201 207 2997 history1 <1 0 1	0 0 0 0 0 49 195 195 2614 history2 0 <1
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	limit/base >15 >20 limit/base >5000	0 0 2 2 2 <1 43 173 158 2687 current 2 3 6 current	0 0 0 0 1 56 201 207 2997 history1 <1 0 1 history1	0 0 0 0 0 49 195 195 2614 history2 0 0 <1
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m	limit/base >15 >20 limit/base >5000 >1300	0 0 2 2 2 <1 43 173 158 2687 current 2 3 6 current	0 0 0 0 1 56 201 207 2997 history1 <1 0 1 history1 1566 538	0 0 0 0 0 49 195 195 2614 history2 0 0 <1
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D7647 ASTM D7647	limit/base >15 >20 limit/base >5000 >1300 >160	0 0 2 2 2 <1 43 173 158 2687 current 2 3 6 current	0 0 0 0 1 56 201 207 2997 history1 <1 0 1 history1 1566 538 34	0 0 0 0 0 49 195 195 2614 history2 0 0 <1 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647	limit/base >15 >20 limit/base >5000 >1300 >160 >40 >10	0 0 2 2 2 <1 43 173 158 2687 current 2 3 6 current	0 0 0 0 1 56 201 207 2997 history1 <1 0 1 history1 1566 538 34	0 0 0 0 0 49 195 195 2614 history2 0 <1 history2



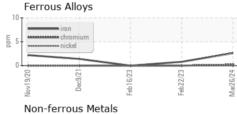
OIL ANALYSIS REPORT

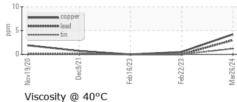


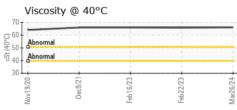
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.54	0.45	0.43
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	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 PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		66.1	65.8	66.0
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color						

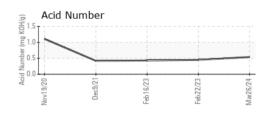


Bottom













Laboratory Sample No. Lab Number : 06205628 Unique Number : 11073089

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06205628

Received : 10 Jun 2024 **Tested**

: 13 Jun 2024 Diagnosed : 13 Jun 2024 - Sean Felton

CORROSION PRODUCTS & EQUIPMENT

940 POINTVIEW AVE EPHRATA, PA US 17522

Contact: RYAN HUNGARTER rhungarter@corrosion-products.com

T: (717)961-1998

Certificate 12367

Test Package : IND 2

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)

Report Id: UCPROWES [WUSCAR] 06205628 (Generated: 06/15/2024 06:55:40) Rev: 1

Contact/Location: RYAN HUNGARTER - UCPROWES