

OIL ANALYSIS REPORT

NOT GIVEN INGERSOLL RAND JE0433U94111 - HEM SAW Component

Compressor

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

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



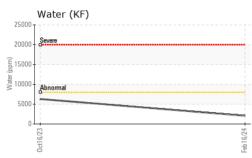
Sample Rating Trend

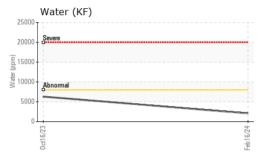


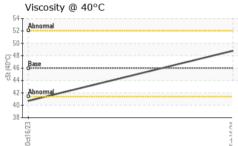
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06098508	UCH05987456	
Sample Date		Client Info		16 Feb 2024	16 Oct 2023	
Machine Age	hrs	Client Info		969	72	
Oil Age	hrs	Client Info		8000	8000	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ATTENTION	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m		1	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	1	1	
Lead	ppm	ASTM D5185m	>25	<1	0	
Copper	ppm	ASTM D5185m	>50	<1	0	
Tin	ppm	ASTM D5185m	>15	2	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		<1	0	
ADDITIVES		method	limit/base	current	history1	history2
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current <1	history1 0	history2
	ppm ppm					
Boron		ASTM D5185m	2	<1	0	
Boron Barium	ppm	ASTM D5185m ASTM D5185m	2 525	<1 362	0 231	
Boron Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	2 525	<1 362 0 <1 5	0 231 0	
Boron Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 525 10	<1 362 0 <1	0 231 0 0	
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 525 10 5	<1 362 0 <1 5	0 231 0 0 3	
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 525 10 5 10 250 100	<1 362 0 <1 5 6	0 231 0 0 3 5 188 57	
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	2 525 10 5 10 250	<1 362 0 <1 5 6 54	0 231 0 0 3 5 188	
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	2 525 10 5 10 250 100	<1 362 0 <1 5 6 54 8	0 231 0 0 3 5 188 57	
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	2 525 10 5 10 250 100 400	<1 362 0 <1 5 6 54 8 542	0 231 0 0 3 5 188 57 434	
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	2 525 10 5 10 250 100 400 limit/base	<1 362 0 <1 5 6 54 8 542 8 542 current	0 231 0 0 3 5 188 57 434 history1	 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	2 525 10 5 10 250 100 400 limit/base	<1 362 0 <1 5 6 54 8 542 8 542 current 2	0 231 0 0 3 5 188 57 434 history1 2 8 8 2	 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	2 525 10 5 10 250 100 400 limit/base >25	<1 362 0 <1 5 6 54 8 542 8 542 current 2 15	0 231 0 0 3 5 188 57 434 history1 2 8	 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	2 525 10 5 10 250 250 100 400 limit/base >25	<1 362 0 <1 5 6 54 8 542 current 2 15 4	0 231 0 0 3 5 188 57 434 history1 2 8 8 2	 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Water	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	2 525 10 5 10 250 100 400 limit/base >25 >20 >0.8	<1 362 0 <1 5 6 54 8 542 current 2 15 4 0.207	0 231 0 0 3 5 188 57 434 history1 2 8 2 2 8 2 2 ▲ 0.630	 history2



OIL ANALYSIS REPORT







	VISUAL		method				history
	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	MODER	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.8	0.2%	0.2%	
	Free Water	scalar	*Visual		NEG	NEG	
	FLUID PROPER	TIES	method	limit/base	current	history1	history
	Visc @ 40°C	cSt	ASTM D445	46	48.8	40.7	
	SAMPLE IMAGE	S	method	limit/base	current	history1	history
	Oalar				htt		
	Color						no image
						ACC - N	
	Bottom				ACCESSA		no image
	20110111						no inago
	GRAPHS						
	Ferrous Alloys						
	10 T						
	im						
	8 - iron						
	8 6 6						
	8 - iron chromium A - iron						
	8 6 6						
	8 iron			24			
	8- iron 6- chromium 4-			eb 16/24			
	udd 8 6 4 2 0 ECZ 1 1 1 1 1 1 1 1 1 1 1 1 1	als		Feb 16/24			
	Non-ferrous Meta	als		Feb 16/24			
	Non-ferrous Meta	als		Feb16/24			
	Non-ferrous Meta	als		Feb16/24			
	Non-ferrous Meta Non-ferrous Meta	als		Feb16/24			
	Non-ferrous Meta	als		Feb16/24			
	Non-ferrous Meta	als		aanaa aa			
	Non-ferrous Meta	als		aanaa aa			
	Non-ferrous Meta b b c c c c c c c c c c c c c			Feb16/24 4 Feb16/24			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C			Feb 16/24	Acid Number		
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C			Feb 16/24			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta			Feb 16/24			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta			Feb 16/24			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta			Feb 16/24			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta A A A A A A A A A A A A A			Eep 10/24 Eep 10/24 U mump er (und XOH/d) Eig 10/24 Eig			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Solution Non-ferrous Meta Solution			Epp 10'574			
	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta A A A A A A A A A A A A A			Eep 10/24 Eep 10/24 U mump er (und XOH/d) Eig 10/24 Eig			
10,000	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C			Feb 16/24 Feb 16/24 Feb 16/24 Feb 16/24	0et16/23		
10-101	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C State Anomal State	01 Madisc		(0)100 +C/01 rap (0)100 Rum 0.030 	0et16/23		
De LINDARD	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C State Abnomal State State WearCheck USA - 5 : UCH06098508	01 Madisc Recei	ived : 23	(0, NC 27513 3 Feb 2024	0et16/23	1	1974 E 530
0, 100-001	Non-ferrous Meta Non-ferrous Meta Non-ferrous Meta Viscosity @ 40°C State Anomal State	01 Madisc Recei Teste	ived : 23 ed : 26	(0)100 +C/01 rap (0)100 Rum 0.030 	GREEN	1	ESSOR SERV 1974 E 530 AREMORE, US 740

Certificate L2367

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)

F:

ashley@gccs.us.com

T: (918)906-6343