

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area Machine Id GIVEN NOT GIVEN UCH06152087 - PRIME PROCESS (S/N NO INFO ON SIF/BOTTLE) Component Compressor

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.

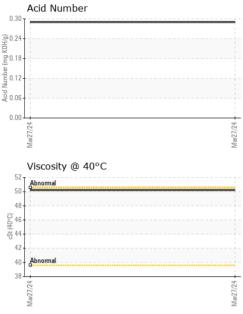
Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06152087		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		15787		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		1		
Phosphorus	ppm	ASTM D5185m		1		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		133		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.29		



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	VISUAL		method				history2	
	White Metal	scalar	*Visual	NONE	NONE			
	Yellow Metal	scalar	*Visual	NONE	NONE			
	Precipitate	scalar	*Visual	NONE	NONE			
	Silt	scalar	*Visual	NONE	NONE			
	Debris	scalar	*Visual	NONE	NONE			
	Sand/Dirt	scalar	*Visual	NONE	NONE			
Mar27/24	Appearance	scalar	*Visual	NORML	NORML			
2	Odor Emulsified Water	scalar scalar	*Visual *Visual	NORML >0.1	NORML NEG			
	Free Water	scalar	*Visual	≥0.1	NEG			
	FLUID PROPERT		method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445		50.2			
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2	
Mai27/24 +	Color					no image	no image	
	Bottom				Õ	no image	no image	
	Non-ferrous Metal	S		Mai27/24 Mai27/24				
	Viscosity @ 40°C			(b) 0.2 (b) HO 0.2 (b) HO 0.1 (b) 0.1 (c) 1 (c)	Acid Number			
	35 4 + + + + + + + + + + + + + + + + + +			0.0 A	0 Mar27/24		<i>₽C/EC</i> ™W	
Laboratory Sample No. Lab Number Unique Number Test Package	: UCH06152087 : 06152087 : 10982165 : IND 2	Recei Teste Diagr	adison Ave., Cary, NC 27513 Received : 17 Apr 2024 Tested : 18 Apr 2024 Diagnosed : 19 Apr 2024 - Sean Felton at 1-800-237-1369. 5 scope of accreditation.			TOTAL EQUIPMENT COMPAN 200 SMILEY DF SAINT ALBANS, WV US 2517 Contact: Jeremy Weime Jeremy.weimer@totalequipment.con		

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Contact/Location: Jeremy Weimer - UCTOTSAI