

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

HODGE 2109025002

Compressor Fluid

{not provided} (2 GAL)

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

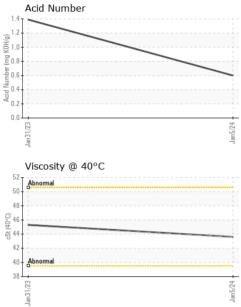
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

			Jan2023	Jan2024		
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UHC0000789	UCH05775495	
Sample Date		Client Info		05 Jan 2024	31 Jan 2023	
Machine Age	hrs	Client Info		3513	462	
Oil Age	hrs	Client Info		3051	462	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ATTENTION	
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	4	2	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>25	1	<1	
Lead	ppm	ASTM D5185m	>25	0	0	
Copper	ppm	ASTM D5185m	>50	2	<1	
Tin	ppm	ASTM D5185m	>15	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	4	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m		16	4	
Calcium	ppm	ASTM D5185m		291	928	
Phosphorus	ppm	ASTM D5185m		494	465	
Zinc	ppm	ASTM D5185m		210	568	
Sulfur	ppm	ASTM D5185m		5690	12220	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3	4	
Sodium	ppm	ASTM D5185m		22	4	
Potassium	ppm	ASTM D5185m	>20	3	0	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.60	1.39	



OIL ANALYSIS REPORT

VISUAL



Visc @ 40°C cSt ASTM D445 43.6 45.3 SAMPLE IMAGES method imit/base current history1 hit Color color no i Bottom color no i GRAPHS Ferrous Alloys 	-	nistory i									
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Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 ATLANTA AIR COMPR Sample No. : UHC0000789 Received : 22 Feb 2024 123 MERCHANTS PA Lab Number : 06097195 Tested : 23 Feb 2024 HOSCHT Unique Number : 10890048 Diagnosed : 24 Feb 2024 - Don Baldridge US				-	Feb 2024	ved : 22	Recei	WearCheck USA - 501 UHC0000789	o. :l	Sample No.	ТАВ

Contact/Location: Derik Bray - UCATLHOS