

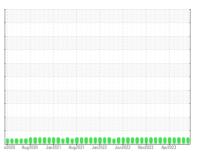
OIL ANALYSIS REPORT

FINISHING

Finish Line Bundle Turner Hydraulic Unit (S/N TR120C1)

Hydraulic System

AW HYDRAULIC OIL ISO 68 (--- GAL)



Sample Rating Trend



DIAGNOSIS	
Recommendation	

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

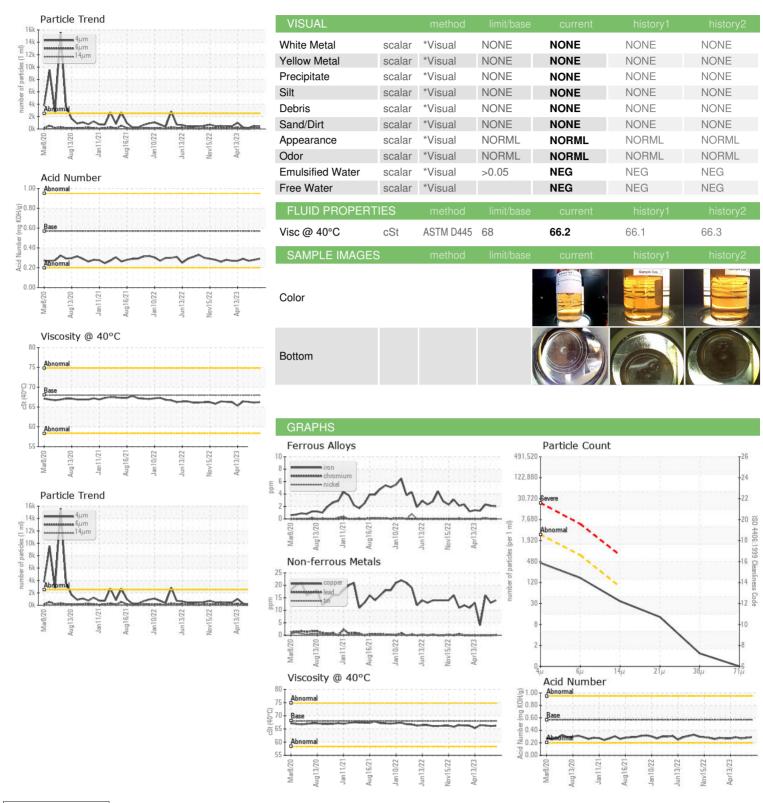
Fluid Condition

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

v2020 Aug2020 Jan2021 Aug2021 Jan2022 Jun2022 Nov2022 Apr2023							
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		WC0782943	WC0782981	WC0782958	
Sample Date		Client Info		17 Aug 2023	11 Jul 2023	15 Jun 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	
WEAR METALS		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>20	2	2	2	
Chromium	ppm	ASTM D5185m	>20	0	0	<1	
Nickel	ppm	ASTM D5185m	>20	0	0	0	
Titanium	ppm	ASTM D5185m		0	0	0	
Silver	ppm	ASTM D5185m		0	<1	0	
Aluminum	ppm	ASTM D5185m	>20	1	2	0	
Lead	ppm	ASTM D5185m	>20	<1	0	0	
Copper	ppm	ASTM D5185m	>20	14	13	16	
Tin	ppm	ASTM D5185m	>20	0	0	0	
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	5	<1	2	<1	
Barium	ppm	ASTM D5185m	5	0	0	0	
Molybdenum	ppm	ASTM D5185m	5	3	3	3	
Manganese	ppm	ASTM D5185m		0	<1	0	
Magnesium	ppm	ASTM D5185m	25	9	11	10	
Calcium	ppm	ASTM D5185m	200	93	96	105	
Phosphorus	ppm	ASTM D5185m	300	363	376	415	
Zinc	ppm	ASTM D5185m	370	472	479	548	
Sulfur	ppm	ASTM D5185m	2500	997	1145	1211	
CONTAMINANTS	;	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>15	<1	<1	<1	
Sodium	ppm	ASTM D5185m		1	<1	<1	
Potassium	ppm	ASTM D5185m	>20	<1	<1	0	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2	
Particles >4µm		ASTM D7647	>2500	386	482	162	
Particles >6μm		ASTM D7647	>640	143	161	27	
Particles >14μm		ASTM D7647	>80	31	24	1	
Particles >21µm		ASTM D7647	>20	11	6	1	
Particles >38μm		ASTM D7647	>4	1	0	0	
Particles >71μm		ASTM D7647	>3	0	0	0	
Oil Cleanliness		ISO 4406 (c)	>18/16/13	16/14/12	16/15/12	15/12/7	
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.29	0.28	0.27	



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number **Unique Number** Test Package

: WC0782943

: 05930301 : 10615572 : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 21 Aug 2023 : 22 Aug 2023 Diagnosed : Wes Davis Diagnostician

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) J.M. Huber Corporation PO BOX 38

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