

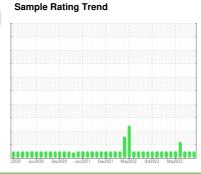
OIL ANALYSIS REPORT

FINISHING

Sander Outfeed Stacker Hydraulic Unit (S/N SA105C35H)

Hydraulic System

VALVOLINE AW HYDRAULIC 68 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with 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.

1/2020 Juni2020 Dec2020 Juni2021 Dec2022 May2022 Oc2022 May2023						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0782980	WC0782964	WC0782871
Sample Date		Client Info		11 Jul 2023	15 Jun 2023	11 May 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	<1	<1	<1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	0	1
Lead	ppm	ASTM D5185m	>20	0	<1	0
Copper	ppm	ASTM D5185m	>20	21	21	23
Tin	ppm	ASTM D5185m	>20	0	<1	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	2.6	2	0	<1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	2	2	2
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	1.9	11	8	8
Calcium	ppm	ASTM D5185m	81	101	95	95
Phosphorus	ppm	ASTM D5185m	350	382	335	350
Zinc	ppm	ASTM D5185m	445	480	440	406
Sulfur	ppm	ASTM D5185m	1850	1198	955	759
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	<1	0
Sodium	ppm	ASTM D5185m		4	4	5
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>1300	324	173	239
Particles >6µm		ASTM D7647	>320	86	16	60
Particles >14µm		ASTM D7647	>40	10	1	10
Particles >21µm		ASTM D7647	>10	5	0	3
Particles >38µm		ASTM D7647	>3	0	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>17/15/12	16/14/10	15/11/7	15/13/10

Acid Number (AN) mg KOH/g ASTM D8045

0.30

0.31

0.27



OIL ANALYSIS REPORT







Certificate L2367

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

Test Package

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0782980 Received : 05899874 Diagnosed : 10561230 Diagnostician

: 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)

: 17 Jul 2023

: 18 Jul 2023 : Wes Davis

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