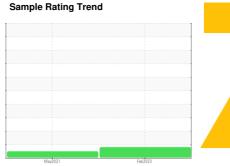


OIL ANALYSIS REPORT

CURING [CÜRING] LINE 1 HYDRAULIC CURING PRESS

Hydraulic System

NOT GIVEN (500 LTR)





DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 6 microns in size) present in the oil.

Fluid Condition

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

			May2021	Feb 2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0755614	WC0574458	
Sample Date		Client Info		05 Feb 2023	11 May 2021	
Machine Age		Client Info		0	0	
Oil Age		Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Sample Status				ABNORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	8	<1	
Chromium	ppm	ASTM D5185m	>20	<1	<1	
Nickel	ppm	ASTM D5185m	>20	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	<1	
Aluminum	ppm	ASTM D5185m	>20	0	0	
Lead	ppm	ASTM D5185m	>20	0	0	
Copper	ppm	ASTM D5185m	>20	3	4	
Tin	ppm	ASTM D5185m	>20	0	<1	
Antimony	ppm	ASTM D5185m			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	1	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m		0	0	
Calcium	ppm	ASTM D5185m		106	105	
Phosphorus	ppm	ASTM D5185m		438	458	
Zinc	ppm	ASTM D5185m		34	59	
Sulfur	ppm	ASTM D5185m		2042	1809	
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1	<1	
Sodium	ppm	ASTM D5185m		2	0	
Potassium	ppm	ASTM D5185m	>20	0	<1	
Water	%	ASTM D6304	>0.05	NEG	NEG	
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>	2167	
Particles >6µm		ASTM D7647	>1300	1187	297	
Particles >14μm		ASTM D7647	>160	11	21	
Particles >21μm		ASTM D7647	>40	2	7	
Particles >38μm		ASTM D7647	>10	0	0	
Particles >71μm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u> </u>	18/15/12	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.072	0.039	



OIL ANALYSIS REPORT







Certificate L2367

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

: 05759402 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 06 Feb 2023 : WC0755614 Recieved Diagnosed : 07 Feb 2023

: Jonathan Hester

: 10324009 Diagnostician

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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.

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