

OIL ANALYSIS REPORT

SAMPLE INFORM

Sample Number

Sample Date

Machine Age

Sample Status

WEAR METALS

Oil Age Oil Changed

Iron

Nickel

Boron Barium Molybdenum Magnesium Calcium Phosphorus Zinc

Silicon Sodium Potassium

Water

ppm

%

ASTM D5185m >20

ASTM D6304 >55

Titanium Silver Aluminum Lead Copper Tin Vanadium Cadmium

Chromium

MELT SHOP - HYDRAULIC Machine Id MELT SHOP EAF MAIN HYDRAULIC UNIT (S/N 15-2000-0815-0010) Component

Tank Hydraulic System

FIRE-RESISTANT FLUID ISO 46 (1585 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

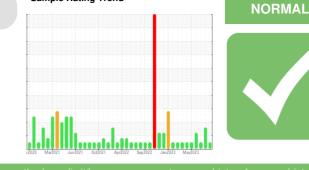
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The pH level of this fluid is within the acceptable limits at 11.0. The condition of the oil is acceptable for the time in service.



Sample Rating Trend

2020 Medi21 Sector Active Active Sector Media										
ATION	method	limit/base	current	history1	history2					
	Client Info		RP0034952	RP0038422	RP0034891					
	Client Info		27 Sep 2023	29 Aug 2023	26 Jul 2023					
hrs	Client Info		0	0	0					
hrs	Client Info		0	0	0					
	Client Info		N/A	N/A	N/A					
			NORMAL	ATTENTION	NORMAL					
	method	limit/base	current	history1	history2					
ppm	ASTM D5185m	>20	0	0	1					
ppm	ASTM D5185m	>20	0	<1	1					
ppm	ASTM D5185m	>20	0	0	<1					
ppm	ASTM D5185m		0	0	0					
ppm	ASTM D5185m		0	0	0					
ppm	ASTM D5185m	>20	0	<1	<1					
ppm	ASTM D5185m	>20	0	0	0					
ppm	ASTM D5185m	>20	0	<1	1					
ppm	ASTM D5185m	>20	<1	<1	<1					
ppm	ASTM D5185m		0	0	<1					
ppm	ASTM D5185m		0	0	<1					
	method	limit/base	current	history1	history2					
ppm	ASTM D5185m	5	0	0	2					
ppm	ASTM D5185m	5	0	0	1					
ppm	ASTM D5185m	5	0	0	0					
ppm	ASTM D5185m		0	0	<1					
ppm	ASTM D5185m	5	3	0	0					
ppm	ASTM D5185m	50	2	<1	<1					
ppm	ASTM D5185m	175	4	8	8					
ppm	ASTM D5185m	62	9	9	12					
	method	limit/base	current	history1	history2					
ppm	ASTM D5185m	>15	0	<1	2					
ppm	ASTM D5185m		0	0	11					

ppm Water	ppm	ASTM D6304	>55000	367000	392000	385000
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1566	2236	1183
Particles >6µm		ASTM D7647	>1300	853	1218	645
Particles >14µm		ASTM D7647	>160	145	A 207	110
Particles >21µm		ASTM D7647	>40	49	A 70	37
Particles >38µm		ASTM D7647	>10	8	🔺 11	6
Particles >71µm		ASTM D7647	>3	1	1	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/17/14	1 8/17/15	17/17/14

0

36.7

2

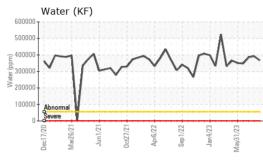
38.5

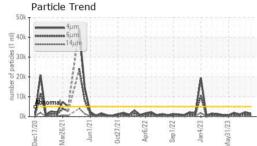
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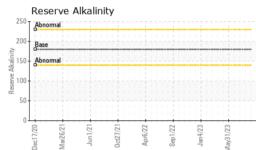
39.2



OIL ANALYSIS REPORT







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Alkalinit

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12

Dec17

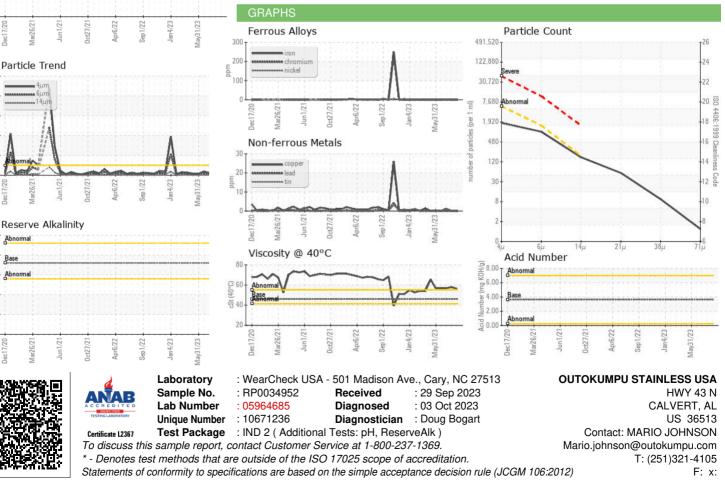
Bas



Color



Bottom



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