

WEAR SEVERE CONTAMINATION NORMAL FLUID CONDITION NORMAL

MELT SHOP BAG HOUSE (EAF151)

M/S BAG HOUSE (EAF151) - Chain Conveyor Crosstransport (EAF 151) (S/N 15-6400-2000-2030)

Gearbox

GEAR OIL ISO 220 (--- QTS)

RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

CONTAMINATION

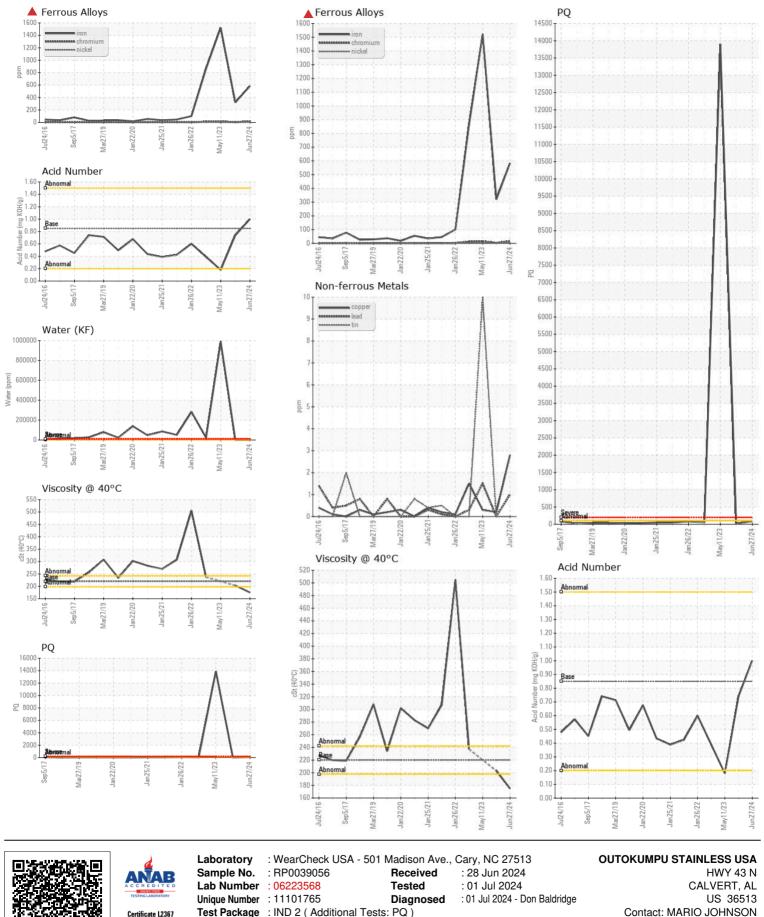
The water content is negligible. There is no indication of any contamination in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test		UOM	Method	Limit/Abn	Current	History1	History2
Sample Number			Client Info		RP0039056	RP0044102	RP0034571
Sample	e Date		Client Info		27 Jun 2024	24 Jun 2024	11 May 2023
Machin	e Age	hrs	Client Info		0	0	0
Oil Age	•	hrs	Client Info		0	0	0
Filter A	ge	hrs	Client Info		0	0	0
Oil Cha	inged		Client Info		N/A	N/A	N/A
Filter C	hanged		Client Info		N/A	N/A	N/A
Sample	e Status				SEVERE	ABNORMAL	SEVERE
					~		40005
PQ			ASTM D8184	000	87	22	▲ 13895
Iron		ppm	ASTM D5185m	>200	▲ 584	▲ 320	▲ 1522
Chromi	um	ppm	ASTM D5185m	>15	▲ 17 0	2	▲ 16
Nickel Titanium		ppm	ASTM D5185m	>15	3	<1	1
	m	ppm	ASTM D5185m		<1	0	0
Silver		ppm	ASTM D5185m	05	<1	0	0
Alumin	um	ppm	ASTM D5185m	>25	4	2	4
Lead		ppm	ASTM D5185m	>100	1	0	2
Copper		ppm	ASTM D5185m	>200	3	<1	<1
Tin		ppm	ASTM D5185m	>25	0	0	10
Vanadi		ppm	ASTM D5185m		<1	0	<1
White N		scalar	*Visual	NONE	NONE	NONE	NONE
Yellow	Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon		ppm	ASTM D5185m	>50	13	4	4
Potassi	ium	ppm	ASTM D5185m	>20	1	2	3
Water		%	ASTM D6304	>0.2	0.020	0.014	▲ 99.0
ppm W	ater	ppm	ASTM D6304	>2000	206	143	▲ 990000
Silt		scalar	*Visual	NONE	NONE	NONE	NONE
Debris		scalar	*Visual	NONE	NONE	NONE	NONE
Sand/D	Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appear	ance	scalar	*Visual	NORML	NORML	NORML	MILKY
Odor		scalar	*Visual	NORML	NORML	NORML	NORML
Emulsifie	ed Water	scalar	*Visual	>0.2	NEG	NEG	▲ 0.2%
						·····	
Sodium	ו	ppm	ASTM D5185m	= 0	1	6	0
Boron		ppm	ASTM D5185m	50	3	6	13
Barium		ppm	ASTM D5185m	15	2	0	0
Molybd		ppm	ASTM D5185m	15	268	210	<1
Manga		ppm	ASTM D5185m	=0	9	3	13
Magne		ppm	ASTM D5185m	50	7	<1	0
Calciun		ppm	ASTM D5185m	50	60	<1	13
D 1	OFUS	ppm	ASTM D5185m	350	435	493	70
Phosph	10105			105		10	0
Zinc		ppm	ASTM D5185m	100	22	19	0
Zinc	nber (AN)			100 0.85 220	22 1.00 175	19 0.74 203	0 0.18

Submitted By: DALE ROBINSON



- Test Package : IND 2 (Additional Tests: PQ)
- 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)

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Mario.johnson@outokumpu.com

T: (251)321-4105

F: x: