



PERFORMANCE
UNDER
PRESSURE

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
MELT SHOP - BAGHOUSE FANS
Machine Id
M/S BAGHOUSE FAN 151B M/S (S/N 15-6400-2000-1010)
Component
Inboard Journal Bearing
Fluid
AW HYDRAULIC OIL ISO 100 (3 LTR)

RECOMMENDATION

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

WEAR

The iron level has decreased, but is still abnormal. All other component wear rates are normal.

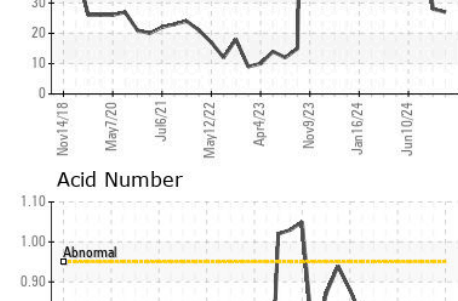
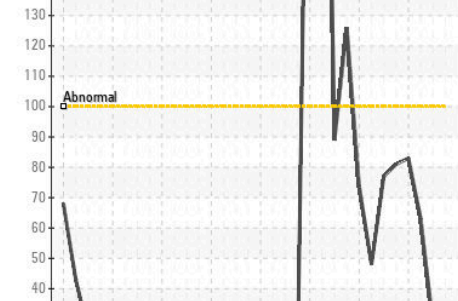
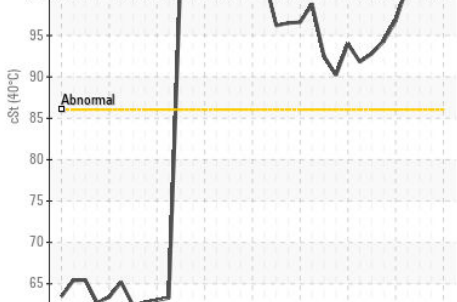
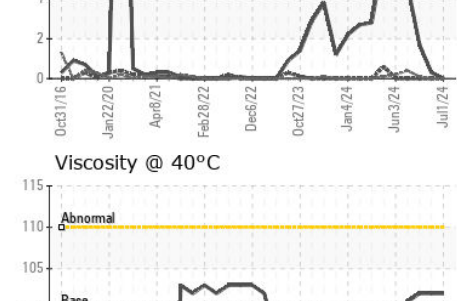
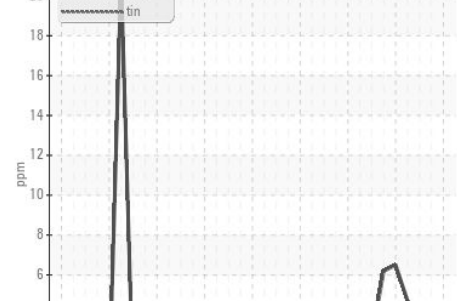
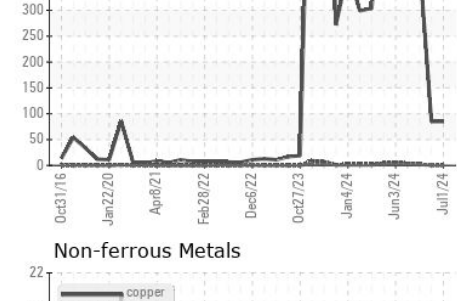
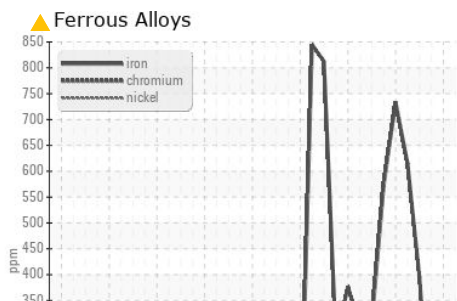
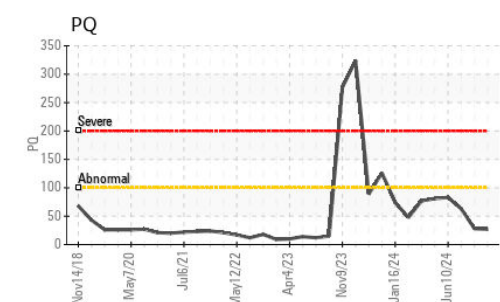
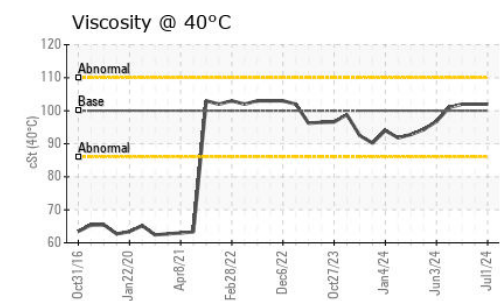
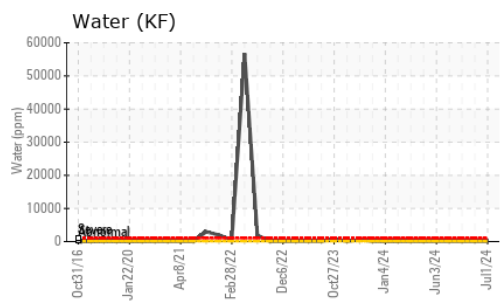
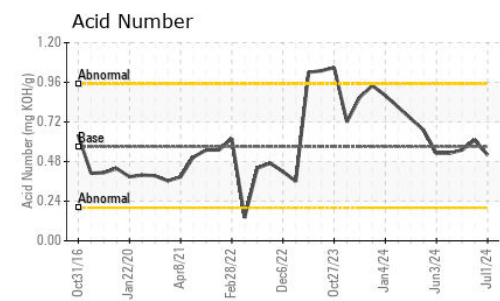
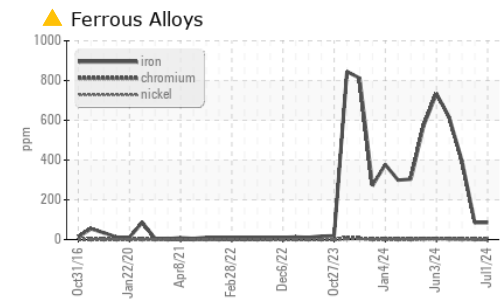
CONTAMINATION

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 suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RP0039285	RP0044101	RP0044194
Sample Date		Client Info		01 Jul 2024	24 Jun 2024	14 Jun 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE
PQ		ASTM D8184		27	28	63
Iron	ppm	ASTM D5185m	>60	▲ 85	▲ 85	▲ 395
Chromium	ppm	ASTM D5185m	>20	<1	<1	2
Nickel	ppm	ASTM D5185m	>20	0	<1	2
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>4	0	<1	<1
Lead	ppm	ASTM D5185m	>250	0	0	0
Copper	ppm	ASTM D5185m	>125	0	<1	2
Tin	ppm	ASTM D5185m	>80	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	<1	<1	3
Potassium	ppm	ASTM D5185m	>20	0	1	3
Water	%	ASTM D6304	>2	0.003	0.003	0.003
ppm Water	ppm	ASTM D6304		27	30	38
Silt	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	1	2
Boron	ppm	ASTM D5185m	5	0	0	1
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	8	13	34
Manganese	ppm	ASTM D5185m		<1	1	4
Magnesium	ppm	ASTM D5185m	25	0	<1	2
Calcium	ppm	ASTM D5185m	200	0	0	0
Phosphorus	ppm	ASTM D5185m	300	459	494	504
Zinc	ppm	ASTM D5185m	370	0	0	0
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.52	0.61	0.55
Visc @ 40°C	cSt	ASTM D445	100	102	102	102



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0039285 **Received** : 02 Jul 2024
Lab Number : 06226300 **Tested** : 03 Jul 2024
Unique Number : 11109793 **Diagnosed** : 03 Jul 2024 - Angela Borella
Test Package : IND 2 (Additional Tests: PQ)

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Certificate L2367
 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)