

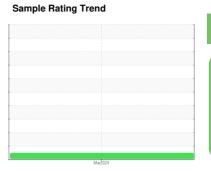
OIL ANALYSIS REPORT

[1234]

BALEMASTER 1672-AO HOOD CONTAINER (S/N 22433)

Hydraulic System

AW HYDRAULIC OIL ISO 46 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

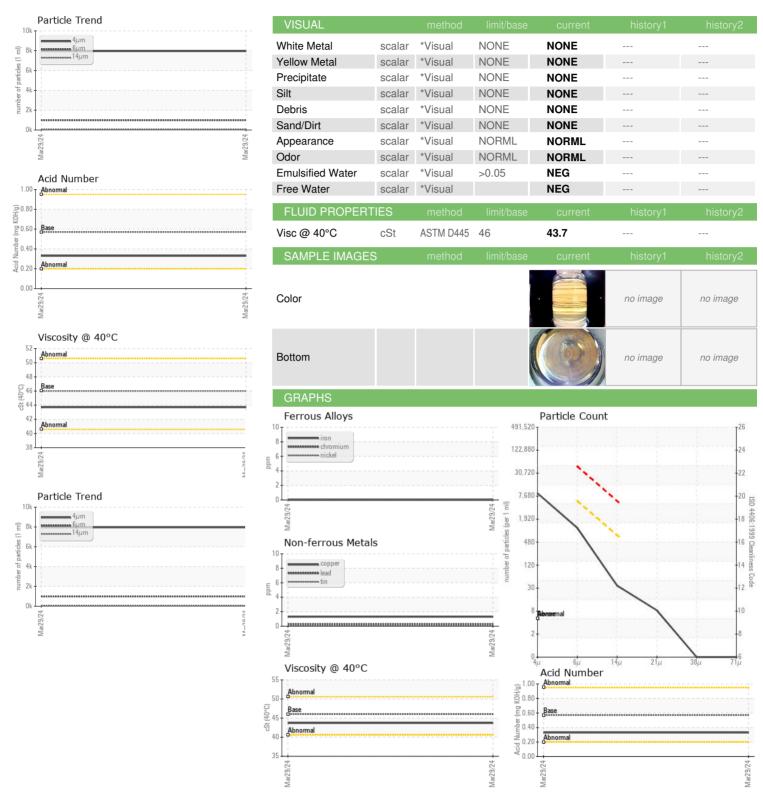
Fluid Condition

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

			,	Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0885308		
Sample Date		Client Info		29 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Filtered		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	25	0		
Calcium	ppm	ASTM D5185m	200	56		
Phosphorus	ppm	ASTM D5185m	300	367		
Zinc	ppm	ASTM D5185m	370	466		
Sulfur	ppm	ASTM D5185m	2500	1218		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	nnm	AOTM DE LOS				
	ppiii	ASTM D5185m	>15	0		
Sodium	ppm		>15			
Sodium Potassium	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>15	0 <1 0		
	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m ASTM D5185m	>20	<1 0		
Potassium FLUID CLEANLIN	ppm	ASTM D5185m ASTM D5185m method	>20	<1 0 current	history1	history2
Potassium FLUID CLEANLIN Particles >4µm	ppm	ASTM D5185m ASTM D5185m method ASTM D7647	>20 limit/base	<1 0 current 7954	history1	 history2
Potassium FLUID CLEANLIN Particles >4µm Particles >6µm	ppm	ASTM D5185m ASTM D5185m method ASTM D7647 ASTM D7647	>20 limit/base >5000	<1 0 current 7954 991	history1	history2
Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm	ppm	ASTM D5185m ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >640	<1 0 current 7954 991 31	 history1 	history2
Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm	ppm	ASTM D5185m ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >640 >160	<1 0 current 7954 991 31	history1	history2
Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm	ppm	ASTM D5185m ASTM D5185m method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >640 >160 >40	<1 0 current 7954 991 31 7	history1	history2
Potassium FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm	ppm ppm NESS	ASTM D5185m method ASTM D7647	>20 limit/base >5000 >640 >160 >40 >10	<1 0 current 7954 991 31 7 0	history 1	history2



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No. Lab Number : 06139255

: WC0885308 Unique Number : 10964063 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 04 Apr 2024 **Tested** : 05 Apr 2024

Diagnosed : 05 Apr 2024 - Wes Davis

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

ADVANCED EQUIPMENT SALES

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