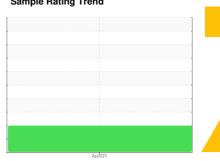


OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id

MONTGOMERY TREE

Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- LTR)

DIAGNOSIS

Recommendation

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. The fluid was not specified. however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of particulates (2 to 100 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0897468		
Sample Date		Client Info		03 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	NI.	method	limit/base	current	history1	history2
	V				Tilstory	HIStory
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	3		
Chromium	ppm	ASTM D5185m		<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m	>10	<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	\10	2		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	2		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m	>10	<1		
Cadmium	ppm	ASTM D5185m		<1		
	PPIII					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	25	5		
Calcium	ppm	ASTM D5185m	200	72		
Phosphorus	ppm	ASTM D5185m	300	323		
Zinc	ppm	ASTM D5185m	370	442		
Sulfur	ppm	ASTM D5185m	2500	1817		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	1		
Sodium	ppm	ASTM D5185m	00	0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	25986		
Particles >6µm		ASTM D7647	>1300	<u> </u>		
Particles >14µm		ASTM D7647	>160	489		
Particles >21µm		ASTM D7647	>40	4 96		
Particles >38µm		ASTM D7647	>10	2		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>22/20/16</u>		
		. /				

Acid Number (AN)

FLUID DEGRADATION

mg KOH/g ASTM D8045 0.57

method

limit/base

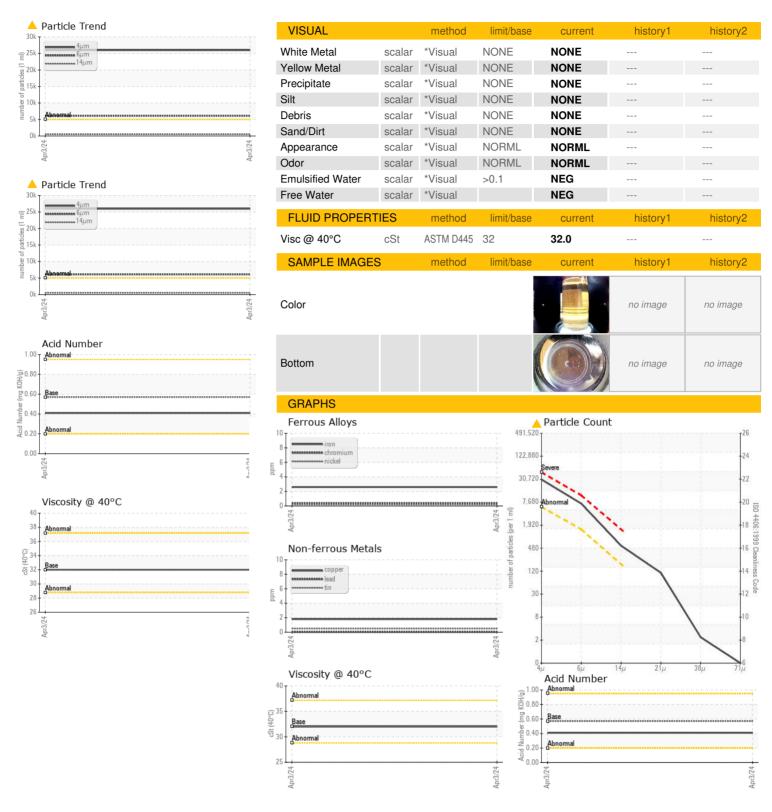
current 0.41

history1

history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0897468 Lab Number : 06157596 Unique Number : 10993019

Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 Apr 2024 **Tested** : 24 Apr 2024

Diagnosed : 24 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)

PALFINGER - BRANCH 400

4151 W ST RT 18 TIFFIN, OH US 44883

Contact: ERIC HILL e.hill@palfinger.com T: (419)448-8156

Contact/Location: ERIC HILL - PALTIF