

OIL ANALYSIS REPORT

Sample Rating Trend

ISO



C PRESS 32

Component

Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

Recommendation

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

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

				Dec2023		
SAMPLE INFOR	RMATIO	N method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0114515		
Sample Date		Client Info		19 Dec 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				ATTENTION		
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	1		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>75	<1		
Tin	ppm	ASTM D5185m	>10	<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	10		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	25	94		
Calcium	ppm	ASTM D5185m	200	80		
Phosphorus	ppm	ASTM D5185m	300	359		
Zinc	ppm	ASTM D5185m	370	422		
Sulfur	ppm	ASTM D5185m	2500	1079		
CONTAMINAL	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	0		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.1	NEG		
FLUID CLEAN	ILINES	S method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	7070		
Particles >6µm		ASTM D7647	>1300	511		
Particles >14µm		ASTM D7647	>160	6		
Particles >21µm		ASTM D7647	>40	1		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/16/10		
FLUID DEGRA	DATIO	N method	limit/base	current	history1	history2

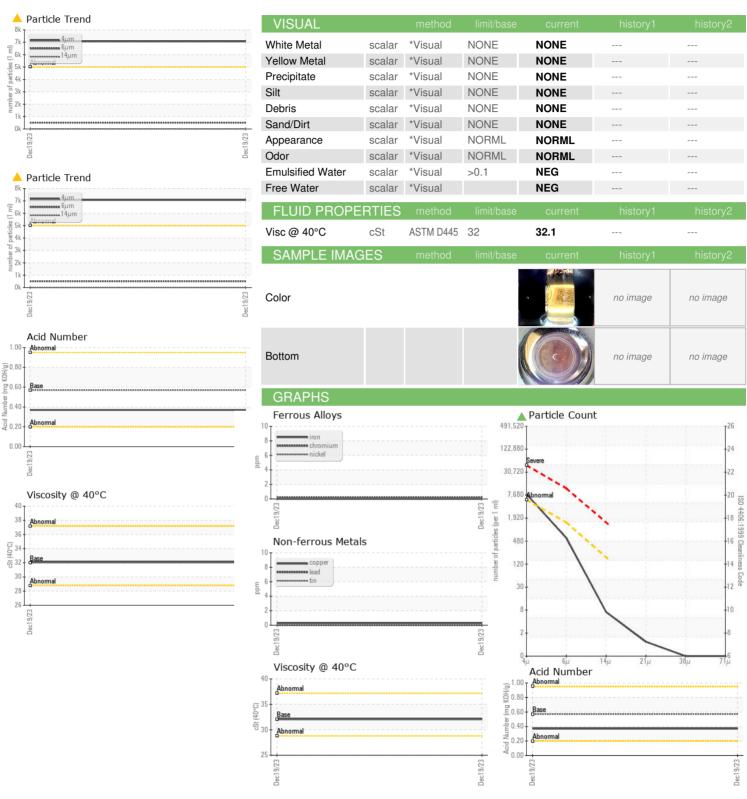
Acid Number (AN)

mg KOH/g ASTM D8045 0.57

0.37



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Certificate L2367

Laboratory

Sample No. Lab Number Unique Number

: PCA0114515 : 06051834 : 10817783 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 05 Jan 2024 Recieved Diagnosed : 08 Jan 2024 Diagnostician

: Angela Borella

111 NORTH STATE ROUTE 235 SAINT PARIS, OH US 43072

Contact: Service Manager

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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