

OIL ANALYSIS REPORT

Sample Rating Trend



50929 Component

Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

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

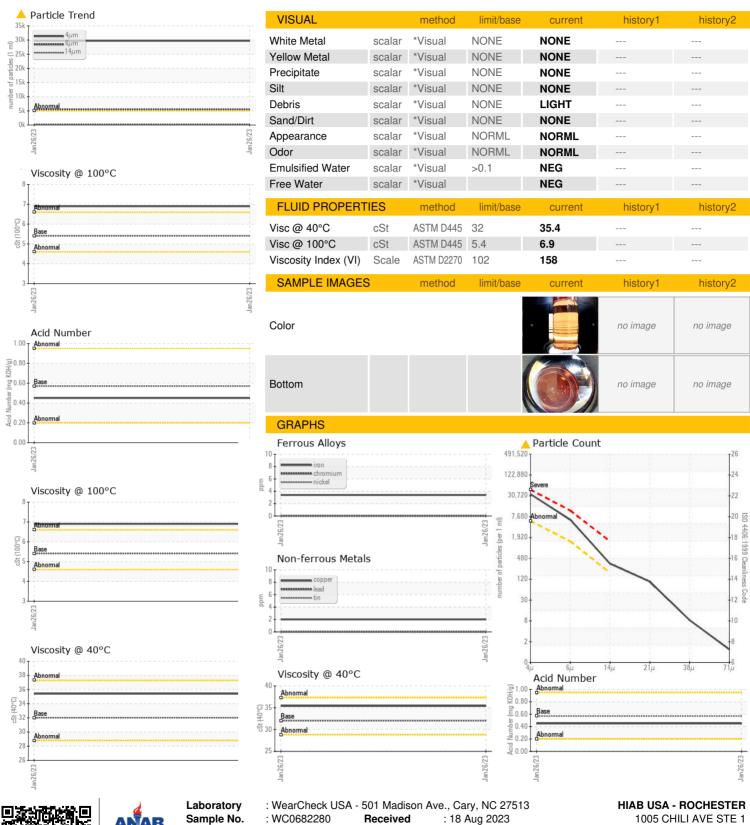
Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 25 <1 Calcium ppm ASTM D5185m 200 72 Phosphorus ppm ASTM D5185m 300 353 Zinc ppm ASTM D5185m 370 367 Sulfur ppm ASTM D5185m 2500 3727 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 <1 Sodium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D7647 >5000							, in the second second
Sample Number Client Info WC0682280				,	Jan 2023		
Sample Date Client Info 26 Jan 2023	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Date Client Info 26 Jan 2023	Sample Number		Client Info		WC0682280		
Machine Age yrs Client Info 3			Client Info		26 Jan 2023		
Oil Age yrs Client Info Not Changed		vrs	Client Info		3		
Oil Changed Sample Status Client Info Not Changed ABNORMAL		_	Client Info				
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 3 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 10 0 Aluminum ppm ASTM D5185m 10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m 0 0 Tin ppm ASTM D5185m 5 0	-	,	Client Info		Not Changd		
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Titanium	Chromium	ppm	ASTM D5185m	>10	0		
Titanium	Nickel	ppm	ASTM D5185m	>10	0		
Silver	Titanium	• •	ASTM D5185m		0		
Aluminum ppm ASTM D5185m >10 0					-		
Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >75 2 Tin 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 25 <1		• •		>10			
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CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 <1	Zinc	ppm	ASTM D5185m	370	367		
Silicon ppm ASTM D5185m >20 <1 Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D7647 >5000 29717 Particles >6μm ASTM D7647 >1300 5471 Particles >14μm ASTM D7647 >160 295 Particles >21μm ASTM D7647 >40 90 Particles >38μm ASTM D7647 >10 7 Particles >71μm ASTM D7647 >3 1 Oil Cleanliness ISO 4406 (c) >19/17/14 22/20/15	Sulfur	ppm	ASTM D5185m	2500	3727		
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Particles >14μm ASTM D7647 >160 ▲ 295 Particles >21μm ASTM D7647 >40 ▲ 90 Particles >38μm ASTM D7647 >10 7 Particles >71μm ASTM D7647 >3 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 22/20/15	Particles >4µm		ASTM D7647	>5000	<u>^</u> 29717		
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Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 22/20/15	'						
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FLUID DEGRADATION method limit/base current history1 history2		TION	()				Li c
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2

Acid Number (AN) mg KOH/g ASTM D8045 0.57

0.45



OIL ANALYSIS REPORT







Certificate L2367

Sample No. Lab Number **Unique Number**

: 05928776 : 10608723

: WC0682280

Received Diagnosed

: 22 Aug 2023 Diagnostician : Don Baldridge

Test Package : MOB 2 (Additional Tests: KV100, VI) 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) 1005 CHILI AVE STE 1

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T: F:

Contact/Location: RON SCALERA - CARROC