

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id **101-LYO-903**

Component **Hydraulic System**

NAVI-GUARD PREMIUM AW-32 HYDRAUL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

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

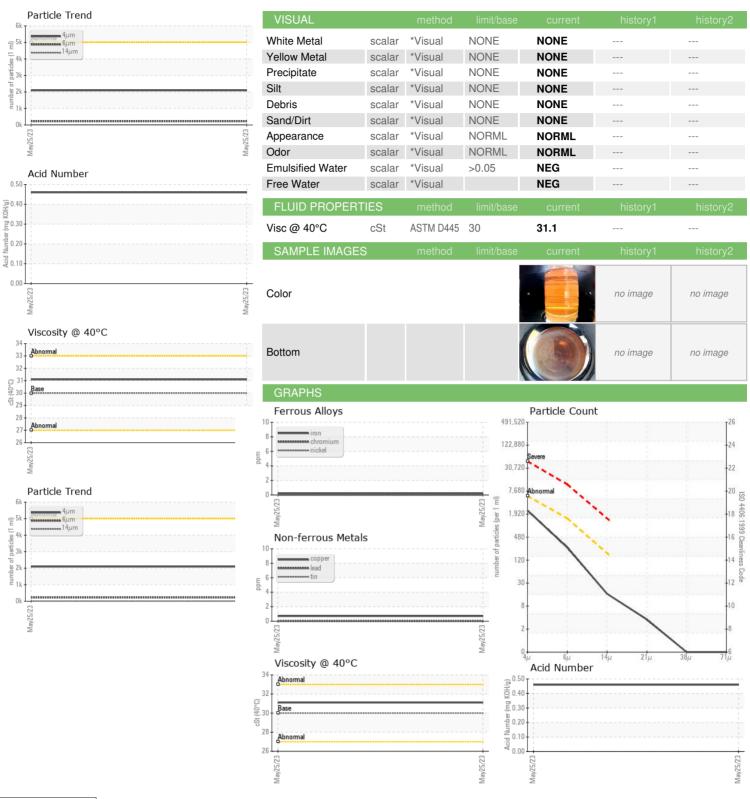
Fluid Condition

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

SAMPLE INFORMATION	C (LTR)						
Sample Number Client Info WC0789095			·	1			
Sample Date Client Info 25 May 2023	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age yrs Client Info 0 .	Sample Number		Client Info		WC0789095		
Oil Age yrs Client Info N/A Oil Changed Client Info N/A Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >20 <1 Chromium ppm ASTM D5185m >20 0 Nickel ppm ASTM D5185m >20 0 Silver ppm ASTM D5185m >20 0 Aluminum ppm ASTM D5185m >20 <1 Aluminum ppm ASTM D5185m >20 <1 Lead ppm ASTM D5185m >20 <1 Copper ppm ASTM D5185m >20 <1 Vanadium ppm ASTM D5185m 0	Sample Date		Client Info		25 May 2023		
Oil Changed Sample Status	Machine Age	yrs	Client Info		0		
Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 <1	Oil Age	yrs	Client Info		0		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 <1	Oil Changed		Client Info		N/A		
Iron	Sample Status				NORMAL		
Chromium ppm ASTM D5185m >20 0 Nickel ppm ASTM D5185m >20 0 Titanium ppm ASTM D5185m >0 Aluminum ppm ASTM D5185m >20 <1	WEAR METALS		method	limit/base	current	history1	history2
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Titanium	Chromium	ppm	ASTM D5185m	>20	0		
Silver	Nickel	ppm	ASTM D5185m	>20	0		
Silver	Titanium	ppm	ASTM D5185m		<1		
Aluminum	Silver		ASTM D5185m				
Lead ppm ASTM D5185m >20 <1 Copper ppm ASTM D5185m >20 <1	Aluminum			>20			
Copper ppm ASTM D5185m >20 <1 Tin ppm ASTM D5185m >20 <1							
Tin					-		
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OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number Unique Number

: 05927825

: WC0789095 : 10607772 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Aug 2023 : 18 Aug 2023 Diagnosed : Wes Davis Diagnostician

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) **MERCK & COMPANY**

5325 OLD OXFORD RD DURHAM, NC US 27712

Contact: Mark Montalvo mark montalvo@merck.com T: (919)884-4103

Contact/Location: Mark Montalvo - MERDUR