

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area **TSI** Machine Id **12851** Component Front Differential Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

A Recommendation

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

Wear

All component wear rates are normal.

Contamination

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

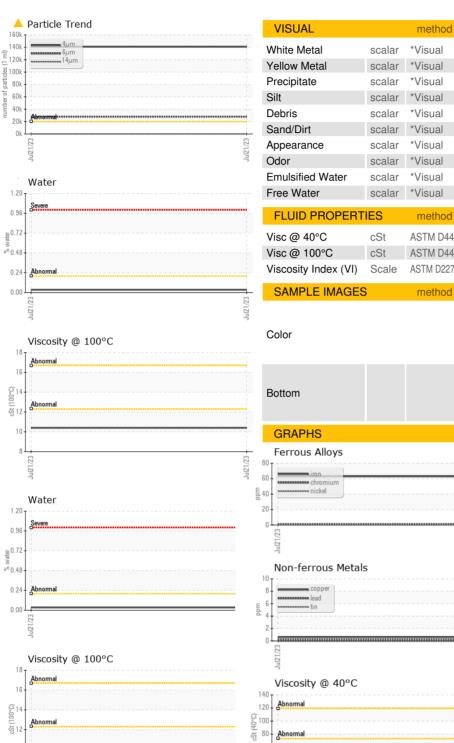
Fluid Condition

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

Oil AgenOil ChangedSample StatusWEAR METALSIronpChromiumpNickelpTitaniump	mls mls	Client Info Client Info Client Info Client Info Client Info		WC0828788 21 Jul 2023 42709 0	 	
Machine Age n Oil Age n Oil Changed Sample Status WEAR METALS Iron p Chromium p Nickel p Titanium p	mls	Client Info Client Info Client Info		42709 0		
Oil Age n Oil Changed Sample Status WEAR METALS Iron p Chromium p Nickel p Titanium p	mls	Client Info Client Info		0		
Oil Changed Sample Status WEAR METALS Iron p Chromium p Nickel p Titanium p		Client Info		-		
Sample Status WEAR METALS Iron p Chromium p Nickel p Titanium p	2007					
WEAR METALSIronpChromiumpNickelpTitaniump	2007	method		N/A		
Iron p Chromium p Nickel p Titanium p	2022	method		ABNORMAL		
Chromium p Nickel p Titanium p	2000	mothou	limit/base	current	history1	history2
Chromium p Nickel p Titanium p	opm	ASTM D5185m	>500	63		
Nickel p Titanium p	opm	ASTM D5185m	>10	<1		
Titanium p	opm	ASTM D5185m	>10	0		
	opm	ASTM D5185m		<1		
Silver p	opm	ASTM D5185m		0		
	opm	ASTM D5185m	>25	0		
1		ASTM D5185m	>25	0		
	opm					
	opm		>100	<1		
	opm	ASTM D5185m	>10	<1		
- · ·	opm	ASTM D5185m		<1		
Cadmium p	opm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron p	opm	ASTM D5185m		228		
Barium p	opm	ASTM D5185m		0		
Molybdenum p	opm	ASTM D5185m		0		
Manganese p	opm	ASTM D5185m		4		
Magnesium p	opm	ASTM D5185m		2		
Calcium p	opm	ASTM D5185m		2		
Phosphorus p	opm	ASTM D5185m		1436		
Zinc p	opm	ASTM D5185m		2		
Sulfur p	opm	ASTM D5185m		25056		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon p	opm	ASTM D5185m	>75	7		
Sodium p	opm	ASTM D5185m		3		
Potassium p	opm	ASTM D5185m	>20	3		
Water %	%	ASTM D6304	>.2	0.033		
ppm Water p	opm	ASTM D6304	>2000	336.7		
FLUID CLEANLINES	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	140782		
Particles >6µm		ASTM D7647	>5000	<u> </u>		
Particles >14µm		ASTM D7647	>640	98		
Particles >21µm		ASTM D7647	>160	11		
Particles >38µm		ASTM D7647	>40	1		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<u> </u>		
FLUID DEGRADATI	ION	method	limit/base	current	history1	history2
	ng KOH/g	ASTM D8045		2.38		



OIL ANALYSIS REPORT



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Laboratory

Sample No.

Lab Number

Unique Number

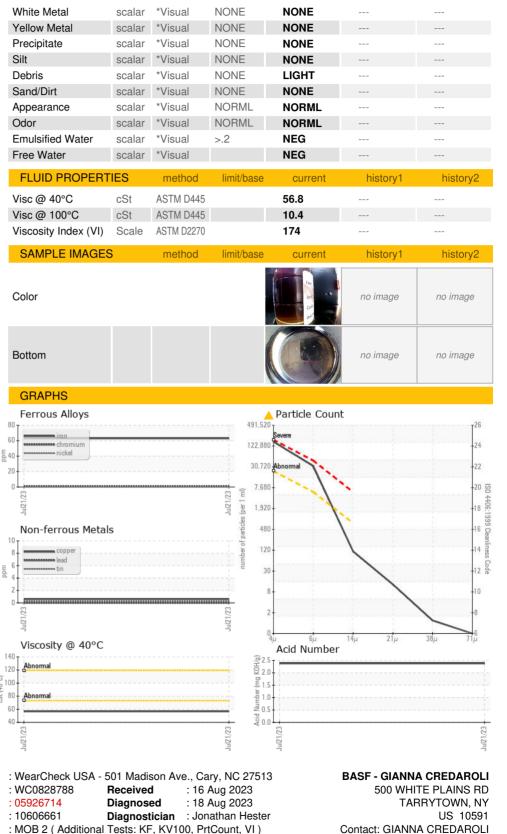
Test Package

Jul21

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)



limit/base

current

history1

history2

Certificate L2367

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gianna.credaroli@basf.com