

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id

DZ-9

Component Rear Left Final Drive

Fluid

{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

Gear wear is indicated.

▲ Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

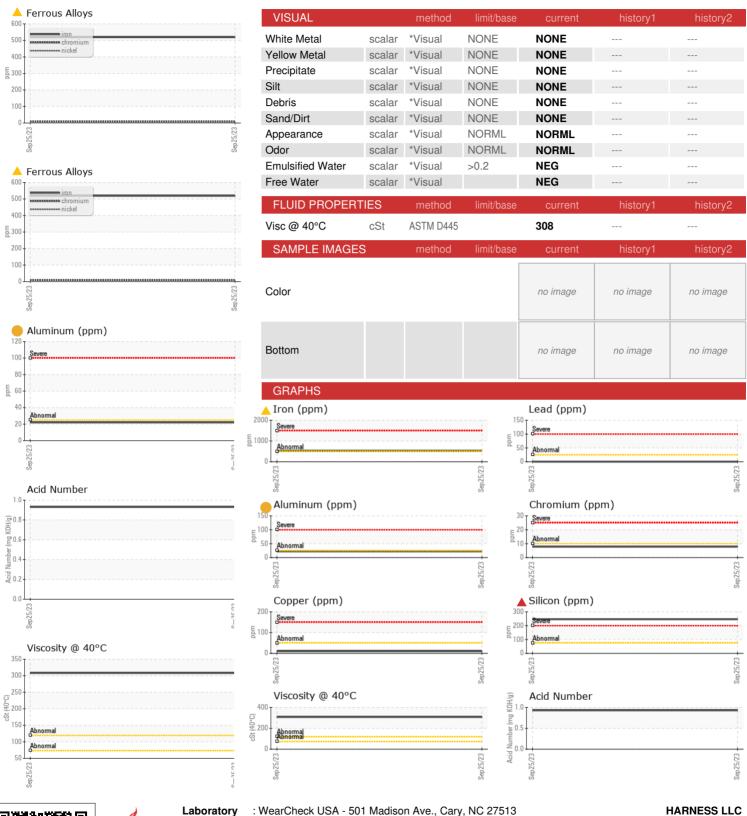
Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KFS0002894		
Sample Date		Client Info		25 Sep 2023		
Machine Age	hrs	Client Info		4792		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				SEVERE		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	<u></u> 519		
Chromium	ppm	ASTM D5185m	>10	8		
Nickel	ppm	ASTM D5185m	>10	2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	22		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	10		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		161		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		7		
Manganese	ppm	ASTM D5185m		6		
Magnesium	ppm	ASTM D5185m		26		
Calcium	ppm	ASTM D5185m		180		
Phosphorus	ppm	ASTM D5185m		887		
Zinc	ppm	ASTM D5185m		106		
Sulfur	ppm	ASTM D5185m		18922		
CONTAMINANTS	,	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	246		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	3		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.93		



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Certificate 12367

Laboratory Sample No.

: KFS0002894 Lab Number : 05965519 Unique Number : 10672070

Test Package : MOB 2

Received : 29 Sep 2023 Tested : 02 Oct 2023

Diagnosed : 02 Oct 2023 - Don Baldridge 855 N JAMES CAMPBELL BLVD COLUMBIA, TN US 38401

Contact: BEN HARNESS ben@slectharness.com T: (615)733-4480

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)