

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# N/A New Oil RENOLIN ZAF B 2 HT Plus

New (Unused) Oil

FUCHS RENOLIN ZAF B 2 HT ZINC FREE (--- GAL)

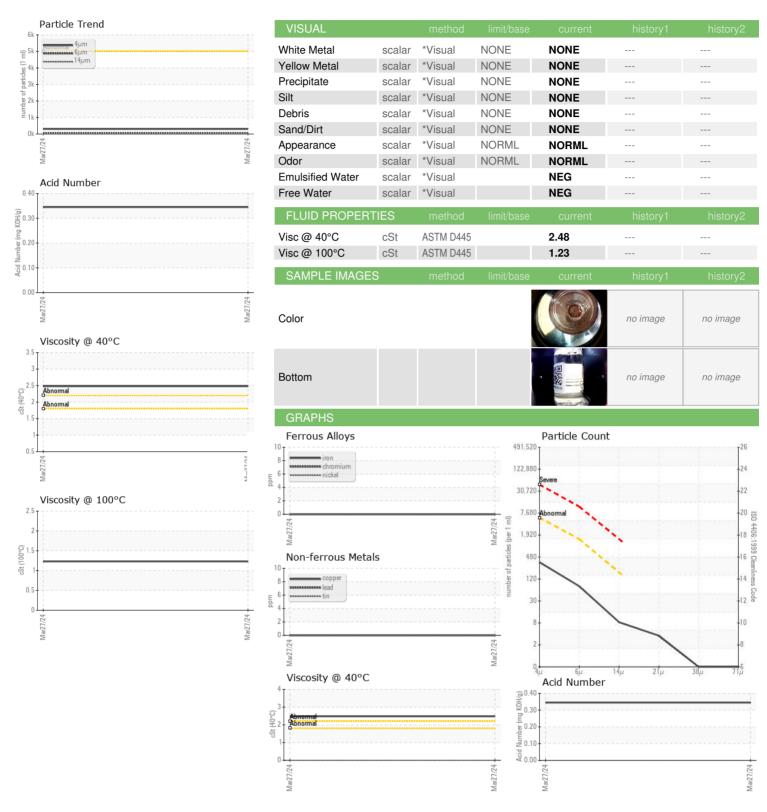
### Recommendation

This is a baseline read-out on the submitted sample.

GAL)				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		FCH0000028		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		0		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES	рріп		li.ee:4/le.e.e.		المناسبة المناسبة	history.O.
		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		34		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		942		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		0		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304		NEG		
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>5000	304		
Particles >6µm		ASTM D7647	>1300	67		
Particles >14μm		ASTM D7647	>160	7		
Particles >21µm		ASTM D7647	>40	3		
Particles >38µm		ASTM D7647	>10	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	15/13/10		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.345		



### **OIL ANALYSIS REPORT**





Laboratory Sample No.

: FCH0000028 Lab Number : 06141873 Unique Number : 10966681

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 08 Apr 2024 **Tested** : 10 Apr 2024 Diagnosed

: 10 Apr 2024 - Doug Bogart

2400 SAGAMORE PKWY S #2400 LAFAYETTE, IN US 47905 Contact: Service Manager

**DANA - FAIRFIELD CUSTOM GEARS AND DRIVES** 

Test Package: PLANT (Additional Tests: FT-IR, KV100, VI) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Jeffrey.Alexander@fuchs.com T:

 $^st$  - 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) Report Id: UCDANLAF [WUSCAR] 06141873 (Generated: 05/08/2024 10:03:54) Rev: 1

Submitted By: GODWIN GEORGE

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