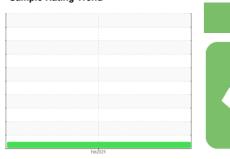


# **OIL ANALYSIS REPORT**

Sample Rating Trend





# DIAGNOSIS

Machine Id 426165 Component

Diesel Engine

## Recommendation

### Wear

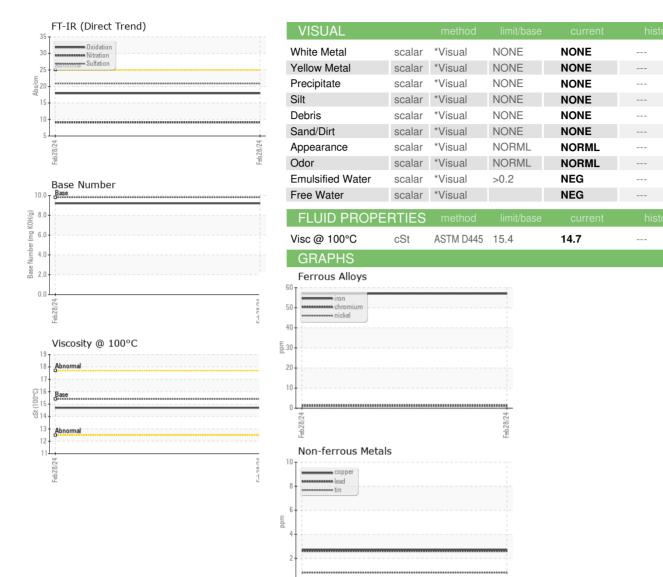
#### Contamination

#### **Fluid Condition**

NAGNOSIS	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history
Recommendation Resample at the next service interval to monitor.	Sample Number		Client Info		GFL0114740		
	Sample Date		Client Info		28 Feb 2024		
ear	Machine Age	hrs	Client Info		845		
tal levels are typical for a components first oil	Oil Age	hrs	Client Info		845		
ange.	Oil Changed		Client Info		Changed		
ntamination	Sample Status				NORMAL		
ere is no indication of any contamination in the	CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history
id Condition	Fuel		WC Method	>5	<1.0		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the bil is suitable for further service.	Water		WC Method	>0.2	NEG		
	Glycol		WC Method		NEG		
	WEAR METAL	_S	method	limit/base	current	history1	history
	Iron	ppm	ASTM D5185m	>110	57		
	Chromium	ppm	ASTM D5185m	>4	1		
	Nickel	ppm	ASTM D5185m	>2	2		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	>2	0		
	Aluminum	ppm	ASTM D5185m	>25	4		
	Lead	ppm	ASTM D5185m	>45	3		
	Copper	ppm	ASTM D5185m	>85	3		
	Tin	ppm	ASTM D5185m	>4	<1		
	Vanadium	ppm	ASTM D5185m		<1		
	Cadmium	ppm	ASTM D5185m		0		
	ADDITIVES		method	limit/base	current	history1	history
	Boron	ppm	ASTM D5185m	0	10		
	Barium	ppm	ASTM D5185m	0	0		
	Molybdenum	ppm	ASTM D5185m	60	67		
	Manganese	ppm	ASTM D5185m	0	<1		
	Magnesium	ppm	ASTM D5185m	1010	930		
	Calcium	ppm	ASTM D5185m	1070	1149		
	Phosphorus	ppm	ASTM D5185m	1150	1074		
	Zinc	ppm	ASTM D5185m	1270	1301		
	Sulfur	ppm	ASTM D5185m	2060	3634		
	CONTAMINAN	NTS	method	limit/base	current	history1	history
	Silicon	ppm	ASTM D5185m	>30	6		
	Sodium	ppm	ASTM D5185m		24		
	Potassium	ppm	ASTM D5185m	>20	4		
	INFRA-RED		method	limit/base	current	history1	history
	Soot %	%	*ASTM D7844	>3	0.5		
	Nitration	Abs/cm	*ASTM D7624	>20	9.1		
	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.9		
	FLUID DEGRA	.DATION	method	limit/base	current	history1	history
	Outables	Abc/1mm	*ASTM D7414	>25	17.9		
	Oxidation	AUS/. 1111111	A31WD7414	/LO			



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: GFL0114740 Lab Number : 06139576 Unique Number : 10964384 Test Package : FLEET

100 ₹ 14

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Apr 2024 **Tested** 

: 05 Apr 2024 Diagnosed : 05 Apr 2024 - Wes Davis

Base Number

(mg K0H/g)

0.0

GFL Environmental - 414 - Kenosha WI Southwest 5421 46th St. Kenosha, WI US 53144

Contact: Brian Schloman

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.

Viscosity @ 100°C

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:

F: