

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id FI0106 Component Diesel Engine Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

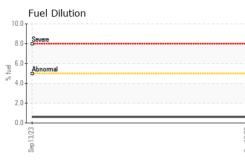
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0084500		
Sample Date		Client Info		13 Sep 2023		
Machine Age	hrs	Client Info		4150		
Oil Age	hrs	Client Info		900		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	13		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	2		
Tin	ppm	ASTM D5185m	>15	2		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		185		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		74		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		583		
Calcium	ppm	ASTM D5185m		1474		
Phosphorus	ppm	ASTM D5185m		761		
Zinc	ppm	ASTM D5185m		904		
Sulfur	ppm	ASTM D5185m		3780		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm		>25	5		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	1		
Fuel	%	ASTM D3524	>5	0.6		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5		
Nitration	Abs/cm	*ASTM D7624	>20	8.9		
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.2		
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	11.7		
Base Number (BN)	mg KOH/g	ASTM D2896		6.1		

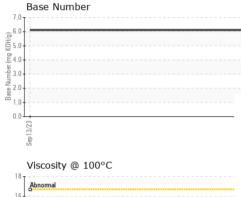


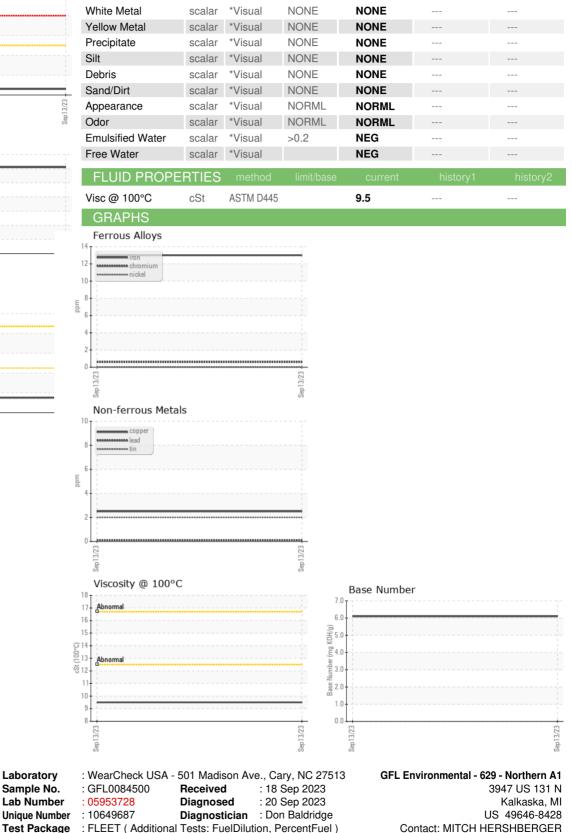
Sep 13/23

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VISUAL







To discuss this sample report, contact Customer Service at 1-800-237-1369.

Certificate L2367

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F:

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