

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id **413132** Component **1 Differential** Fluid **{not provided} (--- GAL)**

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. (Customer Sample Comment: 1st / Pusher)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

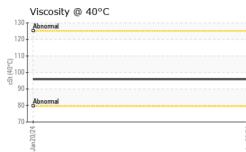
SAMPLE INFOR		method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0105507		
Sample Date		Client Info		20 Jan 2024		
Machine Age	mls	Client Info		40979		
Oil Age	mls	Client Info		40979		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT		method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METAL	c	method	limit/base	current	history1	history2
					Thistory I	Thistory2
Iron	ppm	ASTM D5185m	>500	117		
Chromium	ppm	ASTM D5185m	>10	1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>100	49		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		55		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		22		
Magnesium	ppm	ASTM D5185m		169		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		1676		
Zinc	ppm	ASTM D5185m		10		
Sulfur	ppm	ASTM D5185m		23093		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	16		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	3		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>.2	NEG		
Free Water	scalar	*Visual		NEG		
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FLUID PROPERTIES method limit/base



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Bottom GRA Ferror 100 100 100 100 100 100 100 10	errous Met				no image	no image	no image
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120 100 80 40 40 20 0 50 100 10	errous Met						
80 40 40 20 0 100 50 40 40 30 40	errous Met						
Line 60 40 20 0 100 100 100 100 100 100	errous Met						
40 20 0 100 100 100 100 100 100	errous Met						
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115 110 5 105 75 90 85 80 75	al						
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85 - 80 - Abnom 75 -							
75	4						
50/							
Jan2				24			
Laboratory : Wear Sample No. : GFL0 ⁻ Lab Number : 06070				Jan20/24			
Unique Number : 10847 Test Package : FLEE	heck USA 05507	Recieve		ary, NC 275 Jan 2024	513 GFL	Environmental - 983 16011 V	Vest Belfort Stre
iss this sample report, contact C tes test methods that are outside	heck USA 05507 71 148		d : 25 aed : 28	ary, NC 275	9		Vest Belfort Stre Sugar Land, US 774

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