

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 414122 Component 2 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: 2nd Axle/ Tag)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

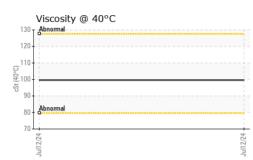
Fluid Condition

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

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0128706		
Sample Date		Client Info		12 Jul 2024		
Machine Age	hrs	Client Info		29736		
Oil Age	hrs	Client Info		29736		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>500	152		
Chromium	ppm	ASTM D5185m	>10	2		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	1		
_ead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>100	1		
Fin	ppm	ASTM D5185m	>10	0		
/anadium	ppm	ASTM D5185m	-	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		84		
Barium	ppm	ASTM D5185m		0		
Nolybdenum	ppm	ASTM D5185m		0		
<i>M</i> anganese	ppm	ASTM D5185m		7		
/agnesium	ppm	ASTM D5185m		185		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		1582		
Zinc	ppm	ASTM D5185m		7		
Sulfur	ppm	ASTM D5185m		22432		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	17		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m		1		
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		



OIL ANALYSIS REPORT



FLUID PROPERT	TIES method	limit/base	current	history1	history
Visc @ 40°C c	St ASTM D445		99.6		
SAMPLE IMAGE	S method	limit/base	current	history1	history
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys					
Non-ferrous Metals		24 Jult 224			
Juli 2/24		Jul12/24			
Viscosity @ 40°C		Jul1224			
atory : WearCheck USA - 501 M le No. : GFL0128706 umber : 06240764	Received : 12 Tested : 12				ugar Land Ha st Belfort St Sugar Land US 77



Unique Number : 11129598 Diagnosed : 22 Jul 2024 - Don Baldridge Contact: TECHNICIAN ACCOUNT Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. wcgfldemo@gmail.com * - 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)

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