

OIL ANALYSIS REPORT

Area Scissor Decks **XLIFT195** Component

Front Differential GEAR OIL SAE 90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90. Please confirm.

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 Rating Trend



NORMAL

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0074982		
Sample Date		Client Info		24 Nov 2023		
Machine Age	hrs	Client Info		1023		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
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
Iron	ppm	ASTM D5185(m)	>500	282		
Chromium	ppm	ASTM D5185(m)	>10	2		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	2		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>100	<1		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	>5	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	400	1		
Barium	ppm	ASTM D5185(m)	200	1		
Molybdenum	ppm	ASTM D5185(m)	12	0		
Manganese	ppm	ASTM D5185(m)		6		
Magnesium	ppm	ASTM D5185(m)	12	2		
Calcium	ppm	ASTM D5185(m)	150	28		
Phosphorus	ppm	ASTM D5185(m)	1650	1553		
Zinc	ppm	ASTM D5185(m)	125	52		
Sulfur	ppm	ASTM D5185(m)	22500	24128		
Lithium	ppm	ASTM D5185(m)		5		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	18		
Sodium	ppm	ASTM D5185(m)		1		
Potassium	ppm	ASTM D5185(m)	>20	<1		

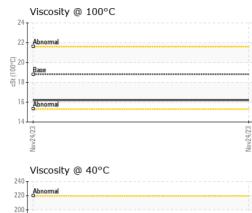


CSt (10°C) CSt (10°C) 160 Bas

140 120

Abnorma 100 Nov24/23

OIL ANALYSIS REPORT



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ee Water FLUID PROPER sc @ 40°C	scalar RTIES	Visual*	2.L			
FLUID PROPEI sc @ 40°C	RTIES			NEG		
sc @ 40°C			limit/base	current	history1	history2
	cSt	method ASTM D7279(m)	183	172		
	cSt	()	18.8	16.2		
scosity Index (VI)	Scale	ASTM D2270*	115	97		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
blor					no image	no image
ottom					no image	no image
GRAPHS						
[ron (ppm)			222	Lead (ppm)		
Severe				Severa		
Abnormal			<u> </u>	Abnormal		
3			- 0-	7		EZ/
Nov24			Nav24,	Nov24		Nov24,
Aluminum (ppm)			40	Chromium (ppr	n)	
Severe			East	Severe		
QAbnormal			<u>a</u> 20 -	Abnormal		
94- 62.420			C2/hZ/	E2,427		- C24/23
			Na	2		No
Copper (ppm)			400 -	Silicon (ppm)		
Severe Abnormal			<u>5</u> 200 -	Severe Abaarmal		
			- 0-			
Nov2423			Nav24/23	Nav24/23		Nov/24/23
				Additives		
			2000 -			
Appornal Base			<u> </u> 1000 -	calcium Reservesses phosphorus		
Abnormal				Second Second Sinc		
72,4770			0124/22	ov24/2.		Nov24/23
C0074982 F 2604473 E 697558 E IOB 1 (Additional T	Recieved Diagnose Diagnost Tests: KV	i : 20 E ed : 20 E ician : Wes '100, VI)	Dec 2023 Dec 2023 s Davis		Contact:	Timmins, ON CA Dale Arseneau
	SAMPLE IMAG	SAMPLE IMAGES	SAMPLE IMAGES method ploor ploor pottom ploor GRAPHS ploor Iron (ppm) press Abound ploor Aluminum (ppm) press Abound ploor Viscosity @ 40°C ploor Abound ploor Viscosity @ 40°C ploor Abound ploor Participant ploor Participant <td< th=""><th>SAMPLE IMAGES method Imit/base plor imit/base pottom imit/base SCRAPHS imit/base Tron (ppm) imit/base Aluminum (ppm) imit/base Imit/base imit/base Aluminum (ppm) imit/base Imit/base imit/base</th><th>SAMPLE IMAGES method imit/base current ploor Delor CRAPHS Tron (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Chromium (ppm) Ch</th><th>SAMPLE IMAGES method imit/base current history1</th></td<>	SAMPLE IMAGES method Imit/base plor imit/base pottom imit/base SCRAPHS imit/base Tron (ppm) imit/base Aluminum (ppm) imit/base Imit/base imit/base Aluminum (ppm) imit/base Imit/base imit/base	SAMPLE IMAGES method imit/base current ploor Delor CRAPHS Tron (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Chromium (ppm) Ch	SAMPLE IMAGES method imit/base current history1



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