

## **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL



# G.LOPES CONSTRUCTION INC./OFF-ROAD

Component Rear Left Final Drive

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.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### **Fluid Condition**

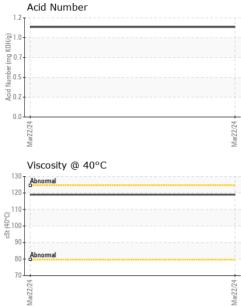
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

				Mar2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0109948		
Sample Date		Client Info		22 Mar 2024		
Machine Age	hrs	Client Info		6491		
Oil Age	hrs	Client Info		6491		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>800	192		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m	>15	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>75	2		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	17		
Tin	ppm	ASTM D5185m	>8	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		14		
Calcium	ppm	ASTM D5185m		2844		
Phosphorus	ppm	ASTM D5185m		1080		
Zinc	ppm	ASTM D5185m		1238		
Sulfur	ppm	ASTM D5185m		6467		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	6		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.09		



# **OIL ANALYSIS REPORT**

VISUAL



White Metal scalar 'Visual NONE Precipitate scalar 'Visual NONE NONE Precipitate scalar 'Visual NONE NONE Bit scalar 'Visual NONE NONE Bit scalar 'Visual NONE NONE Band/Dirt scalar 'Visual NONE NONE Band/Dirt scalar 'Visual NONE NONE Emulsified Water scalar 'Visual NONE NONE Emulsified Water scalar 'Visual NORML NORML Freukres scalar 'Visual NORML SAMPLE IMAGES method imitbase current SAMPLE IMAGES method imitbase current SAMPLE IMAGES method imitbase current Bottom Color Color Auminum (ppm) 		VISUAL		method	iimii/base	current	riistory i	riistoryz
Yellow Metal       scalar       Yksual       NONE           Precipitate       scalar       Yksual       NONE       NONE           Debris       scalar       Yksual       NONE       NONE           Debris       scalar       Yksual       NONE       NONE           Appearance       scalar       Yksual       NORML       NORML           Odor       scalar       Yksual       NORML       NORML           Emulsified Water       scalar       Yksual       NORML       NORML           Tere Water       scalar       Yksual       NORML       NORML           Scalar Yksual       NORML       NORML       NORML            Viscal       NORML       Norma       Instanzy       history!       history!       history!       history!       history!         Viscal       Precipitate       scalar       Viscal       Norma            Scalar       Stalar       Norma       insthose       cainage <td< th=""><th></th><th>White Metal</th><th>scalar</th><th>*Visual</th><th>NONE</th><th>NONE</th><th></th><th></th></td<>		White Metal	scalar	*Visual	NONE	NONE		
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Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : PCA0109948 Received : 26 Mar 2024 Lab Number : 06129530 Tested : 27 Mar 2024 565 WINTHROP S Unique Number : 10943681 Diagnosed : 27 Mar 2024 - Wes Davis Test Package : MOB 2 Socuss this sample report, contact Customer Service at 1-800-237-1369.					Acid	2/24		
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Sample No. : PCA0109948       Received : 26 Mar 2024       565 WINTHROP S         Lab Number : 06129530       Tested : 27 Mar 2024       TAUNTON, M         Unique Number : 10943681       Diagnosed : 27 Mar 2024 - Wes Davis       US 0278         Test Package : MOB 2       Contact: BUTCH MCGRAT       bmcgrath@glopes.co		Mar22/24			2			
Lab Number       : 06129530       Tested       : 27 Mar 2024       TAUNTON, M         Unique Number       : 10943681       Diagnosed       : 27 Mar 2024 - Wes Davis       US 0278         Test Package       : MOB 2       Contact: BUTCH MCGRAT         iscuss this sample report, contact Customer Service at 1-800-237-1369.       Diagnosed       : 27 Mar 2024 - Wes Davis       Diagnosed			01 Madiaa					NETDUCTIO
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iscuss this sample report, contact Customer Service at 1-800-237-1369. bmcgrath@glopes.co	Sample No	: WearCheck USA - 5 : PCA0109948	Recei	ived : 26	y, NC 27513 6 Mar 2024		565 V	VINTHROP S
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