

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id 056328-1783 Component Right Final Drive Fluid GEAR OIL SAE 80W90 (--- GAL)

## RECOMMENDATION

Resample at the next service interval to monitor.

## **WEAR**

All component wear rates are normal.

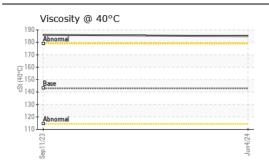
## CONTAMINATION

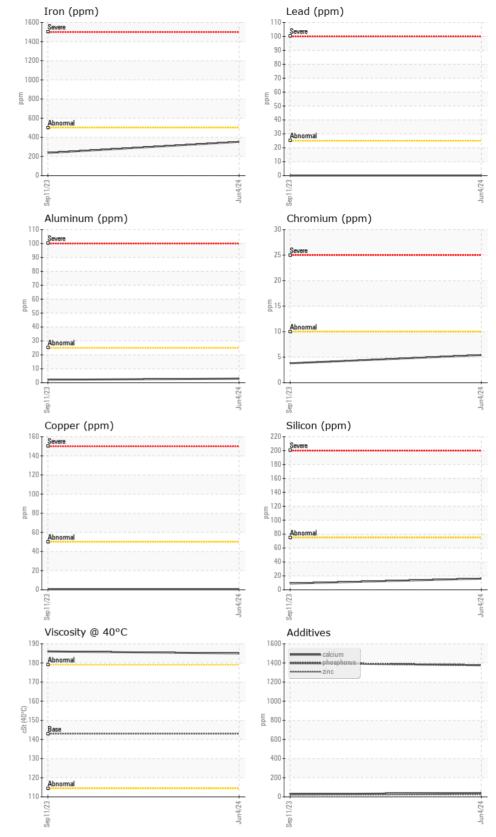
There is no indication of any contamination in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0252392	LH0252385	
Sample Date		Client Info		04 Jun 2024	11 Sep 2023	
Machine Age	hrs	Client Info		2000	1314	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
Iron	ppm	ASTM D5185(m)	>500	352	237	
Chromium	ppm	ASTM D5185(m)	>10	5	4	
Nickel	ppm	ASTM D5185(m)	>10	2	1	
Titanium	ppm	ASTM D5185(m)		<1	<1	
Silver	ppm	ASTM D5185(m)	0.5	0	0	
Aluminum	ppm	ASTM D5185(m)	>25	3	2	
Lead	ppm	ASTM D5185(m)	>25	0	0	
Copper	ppm	ASTM D5185(m)	>50	<1	<1	
Tin	ppm	ASTM D5185(m)	>10	0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
White Metal	scalar	Visual*	NONE	NONE	NONE	
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185(m)	>75	16	9	
Potassium	ppm	ASTM D5185(m)	>20	3	3	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	Visual*	NONE	VLITE	NONE	
Debris	scalar	Visual*	NONE	VLITE	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	
Sodium		ASTM D5185(m)	>170	5	4	
Boron	ppm	ASTM D5185(m)	400	1	1	
Barium	ppm	ASTM D5185(m)	200	2	1	
Molybdenum	ppm ppm	ASTM D5185(m)	12	0	<1	
-		ASTM D5185(m)	12	4	3	
	ppm					
Manganese Magnesium	nnm	ASTM D5185(m)	12	3	2	
Magnesium	ppm	ASTM D5185(m)	12 150	3 40	2	
Magnesium Calcium	ppm	ASTM D5185(m)	150	40	29	
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185(m) ASTM D5185(m)	150 1650	40 1376	29 1400	
Magnesium Calcium Phosphorus Zinc	ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	150 1650 125	40 1376 24	29 1400 20	
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185(m) ASTM D5185(m)	150 1650	40 1376	29 1400	







Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : LH0252392 Lab Number : 02639970 ISO 17025:2017 Accredited Laboratory Unique Number : 5789132 Test Package : MOBCE To discuss this sample report, contact Customer Service at 1-800-268-2131.

: 05 Jun 2024 Tested : 06 Jun 2024 Diagnosed : 06 Jun 2024 - Wes Davis

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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