

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id **213773** Component **Right Planetary** Fluid **GEAR OIL LS 80W90 (--- 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 LS 80W90. Please confirm. Please specify the component make and model with your next sample.

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 INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PP0001066		
Sample Date		Client Info		13 Mar 2024		
Machine Age	hrs	Client Info		2682		
Oil Age	hrs	Client Info		2682		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		157		
Iron	ppm	ASTM D5185(m)	>500	701		
Chromium	ppm	ASTM D5185(m)	>10	8		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		5		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	53		
Lead	ppm	ASTM D5185(m)	>25	1		
Copper	ppm	ASTM D5185(m)	>75	48		
Tin	ppm	ASTM D5185(m)	>10	3		
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)	150	8		
Barium	ppm	ASTM D5185(m)		1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		9		
Magnesium	ppm	ASTM D5185(m)	10	26		
Calcium	ppm	ASTM D5185(m)	70	122		
Phosphorus	ppm	ASTM D5185(m)	2000	243		
Zinc	ppm	ASTM D5185(m)	50	14		
Sulfur	ppm	ASTM D5185(m)	20000	7850		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	169		
Sodium	ppm	ASTM D5185(m)		16		
Potassium	ppm	ASTM D5185(m)	>20	21		



180

170

120

250

200

150

50

80

70 60 50

30

21

2 100

OIL ANALYSIS REPORT

VLITE

NONE

NONE

VLITE

NONE

NONE

NORML

NORML

NEG

NEG

140

Severe

Abnorma

Sev

3/74

/ar1

Chromium (ppm)



Ab Mar13/24 Mar13/24 PQ Ab Mar13/24 Mar13/24 : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Morholme Industrial 13399 Torbram Caledon, ON : 17 Apr 2024 - Kevin Marson CA L7C 2C6

Accredited Unique Number : 5762449 Diagnosed Laboratory Test Package : MOB 1 (Additional Tests: PQ) To discuss this sample report, contact Customer Service at 1-800-268-2131. 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.

: PP0001066

Received

Tested

: 16 Apr 2024

: 17 Apr 2024

Contact: Kyle Morrison kyle.morrison@morholme.ca T: (647)564-9715 E:

Report Id: MOR133CAL [WCAMIS] 02629317 (Generated: 04/17/2024 14:59:40) Rev: 1

CALA

ISO 17025:2017

Laboratory

Sample No.

Lab Number : 02629317

Contact/Location: Kyle Morrison - MOR133CAL

no image

no image

Mar13/24

no image

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