

## **OIL ANALYSIS REPORT**

Sample Rating Trend

### NORMAL

## [450231374] MA-04002 MIDSHIP Component

Gear Unit Fluic NOT GIVEN (--- GAL)

#### DIAGNOSIS

#### Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. 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.

			Apr2016	Dec2023		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0076277	PC352715	
Sample Date		Client Info		27 Dec 2023	03 Apr 2016	
Machine Age	days	Client Info		0	0	
Oil Age	days	Client Info		0	0	
Oil Changed	<b>,</b> -	Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method		NEG	NEG	
WEAR METAL	S	method	limit/base	current	history1	history2
PQ		ASTM D8184*		0	11	
Iron	ppm	ASTM D5185(m)	>125	6	25	
Chromium	ppm	ASTM D5185(m)	>5	0	<1	
Nickel	ppm	ASTM D5185(m)		<1	0	
Titanium	ppm	ASTM D5185(m)	. 10	0	0	
Silver	ppm	ASTM D5185(m)		0	0	
Aluminum	ppm	ASTM D5185(m)	>30	<1	<1	
Lead	ppm	ASTM D5185(m)		<1	<1	
Copper		ASTM D5185(m)	>100	<1	<1	
	ppm	ASTM D5185(m)	>5	< 1 0	0	
Tin	ppm	( )		-		
Antimony	ppm	ASTM D5185(m)	>5	0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		223	253	
Barium	ppm	ASTM D5185(m)		<1	3	
Molybdenum	ppm	ASTM D5185(m)		0	0	
Manganese	ppm	ASTM D5185(m)		0	<1	
Magnesium	ppm	ASTM D5185(m)		1	0	
Calcium	ppm	ASTM D5185(m)		10	12	
Phosphorus	ppm	ASTM D5185(m)		930	978	
Zinc	ppm	ASTM D5185(m)		19	36	
Sulfur	ppm	ASTM D5185(m)		16181	20340	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	3	4	
Sodium	ppm	ASTM D5185(m)		<1	2	
Potassium	ppm	ASTM D5185(m)	>20	0	<1	
FLUID DEGRA	DAT <u>ION</u>	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.44	1.23	

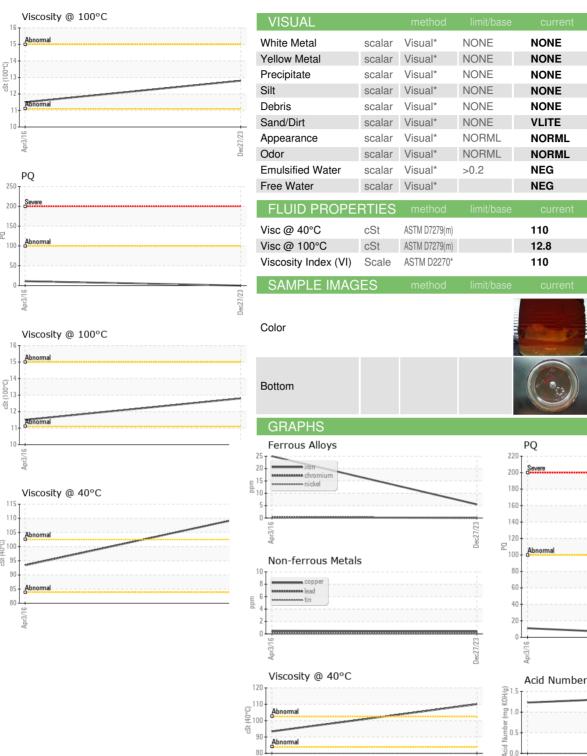


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CALA

ISO 17025:2017 Accredited

Laboratory

Laboratory

Sample No.

Lab Number

Unique Number

: PC0076277

Test Package : MAR 2 (Additional Tests: KV100, VI)

Validity of results and interpretation are based on the sample and information as supplied.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

: 02605589

: 5698674

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Contact/Location: Josh Hynes - TERHAM

Dec27/23

: 28 Dec 2023

: 02 Jan 2024

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Diagnostician : Kevin Marson

Recieved

Diagnosed

John Party

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

93.4

11.5

111

no image

no image