

OIL ANALYSIS REPORT

Area Cozzi MH1 COZZI SENNEBOGAN 825 (S/N 825.0.2570)

Front Left Final Drive

Fluid CITGO PREMIUM GEAR 80W90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

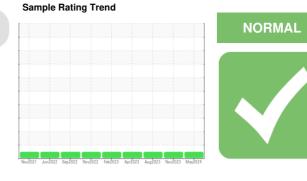
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

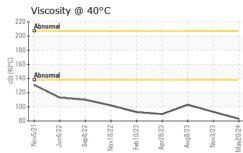
The condition of the oil is acceptable for the time in service.



SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0115573	LW0007635	LW0007303
Sample Date		Client Info		20 May 2024	03 Nov 2023	08 Aug 2023
Machine Age	hrs	Client Info		12750	11548	10965
Oil Age	hrs	Client Info		12750	11548	10965
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	190	128	84
Chromium	ppm	ASTM D5185m	>10	2	1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	2	2	1
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	6	4	3
Tin	ppm	ASTM D5185m	>10	1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		27	21	23
Barium	ppm	ASTM D5185m		2	0	0
Molybdenum	ppm	ASTM D5185m		12	10	10
Manganese	ppm	ASTM D5185m		2	1	<1
Magnesium	ppm	ASTM D5185m		54	48	58
Calcium	ppm	ASTM D5185m		543	531	556
Phosphorus	ppm	ASTM D5185m		580	648	668
Zinc	ppm	ASTM D5185m		193	196	202
Sulfur	ppm	ASTM D5185m		21991	19707	21853
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	16	12	11
Sodium	ppm	ASTM D5185m		5	6	7
Potassium	ppm	ASTM D5185m	>20	2	<1	1
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
•	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate Silt Debris	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE	NONE NONE	NONE NONE
Silt	scalar scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE
Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML	NONE NONE NORML	NONE NONE NORML
Silt Debris Sand/Dirt	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NONE NONE	NONE NONE NORE NORML NORML	NONE NONE NORML NORML	NONE NONE NORML NORML
Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML	NONE NONE NORML	NONE NONE NORML



OIL ANALYSIS REPORT



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	200	Copper	(ppm))						250	Silicon	(ppm))						
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ooratory nple No. o Number que Number t Package	: P(: <mark>06</mark> : 11	: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0115573 Received : 23 May 2024 : 06189591 Tested : 25 May 2024 : 11046343 Diagnosed : 28 May 2024 - Se								24 24	3 CHICAGO MACHINERY INC 3142 EAST LINCOLI LYNWOOD, I								

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate 12367

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