

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area [217061] wachine Id CM-55 16691 Component Gearbox Fluid

7 460 (--- 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

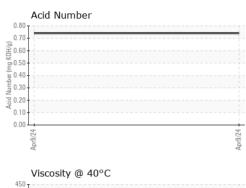
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

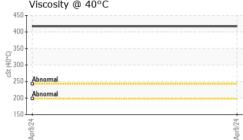
SAMPLE INFORM	/IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06154593		
Sample Date		Client Info		09 Apr 2024		
Machine Age	hrs	Client Info		6209		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	12		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
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		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m		207		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		8021		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.74		



OIL ANALYSIS REPORT

VISUAI





VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
ppearance	scalar	*Visual	NORML	NORML		
Ddor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
ree Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
/isc @ 40°C	cSt	ASTM D445		417		
SAMPLE IMAGES	5	method	limit/base	current	history1	history2
Color				no image	no image	no image
				no image	no image	no image
Bottom				na imaga	2010000	na imaga
DOLLOITI				no image	no image	no image
GRAPHS				Lood (nnm)		
Iron (ppm)			200	Lead (ppm)		
Severe			튵 100	Severe		
Abnormal			đ 100	Abnormal		
54			0			V C
Apr9/24			Apr9/24	Apr9/24		
Aluminum (ppm)				Chromium (pj	pm)	
Severe			30			
Abnormal			²⁰ ال	Abnormal		
			- 0	1		
Apr9/24 -			Apr9/24 -	24		
Api				6		7 C C
			Apri	Apr9/24		A CLO-A
Copper (ppm)				Silicon (ppm)		A CL DA
			150	Silicon (ppm)		8 C/ Q V
Τ			150 <u>E</u> 100	Silicon (ppm)		a contraction of the second
Severe			150 <u><u></u><u></u> 50</u>	Silicon (ppm)		
Abnormal			150 <u><u></u><u></u> 50</u>	Silicon (ppm)		
Severe Abnomal			150 widd 50 0	Silicon (ppm)		
Abnormal			150 widd 50 0	Silicon (ppm)		
Severe Abnomal			150 widd 50 0	Silicon (ppm)		
Severe Abnormal Viscosity @ 40°C			1500 mt 1000 4019/24 4019/24 4019/24	Silicon (ppm)		2 Churk
Severe Abnormal Viscosity @ 40°C			1200 00 00 ppt 00 00.01(0) 00 00.01(0) 00 00 00 00 00 00 00 00 00 00 00 00 0	Abnormal		NC GRAA
Severe Abnormal Viscosity @ 40°C			1500 mt 1000 4019/24 4019/24 4019/24	Silicon (ppm)		
Severe Abnormal Viscosity @ 40°C			150 100 100 50 100 100 100 100 1	Silicon (ppm)		Incorporated
Severe Abnormal Viscosity @ 40°C	Recei	i ved : 19	(1) (1) (1) (1) (1) (1) (1) (1)	Silicon (ppm)		R Incorporate 2.O. Box 1956
Severe Abnormal Viscosity @ 40°C	Recei Teste	ived : 19 d : 22	, NC 27513 Apr 2024 2 Apr 2024	Silicon (ppm)		R Incorporate 2.O. Box 1956 Atlanta, G
Severe Abnormal Viscosity @ 40°C	Recei	ived : 19 d : 22	(1) (1) (1) (1) (1) (1) (1) (1)	Silicon (ppm)	F	NC GRAA

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

mqq

ppm

bpm

cSt (40°C)

Laboratory Sample No. Lab Number Unique Number Test Package

* - 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 L2367

Contact/Location: JOHN STEED - MOMATL

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