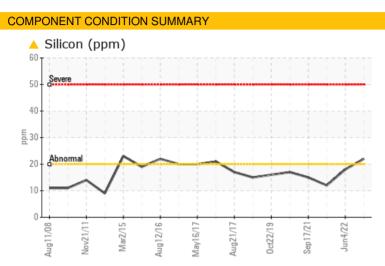


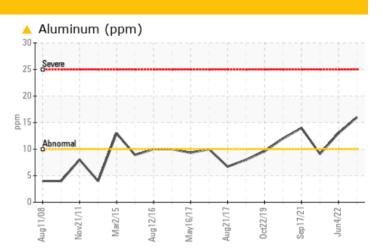
PROBLEM SUMMARY

Sample Rating Trend

Area OKLAHOMA/102/EG - OTHER SERVICE Machine Id 78.66 [OKLAHOMA^102^EG - OTHER SERVICE] Component Hydraulic System Fluid

MOBIL DELVAC MX 15W40 (--- GAL)





RECOMMENDATION

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. (Customer Sample Comment: 16559 hrs)

PROBLEMATIC T	EST RE	SULTS				
Sample Status				ABNORMAL	ATTENTION	ATTENTION
Aluminum	ppm	ASTM D5185m	>10	<u> </u>	13	9
Silicon	ppm	ASTM D5185m	>20	<u> </u>	18	12

Customer Id: SHEWIC Sample No.: WC0819973 Lab Number: 05928109 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u>

RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Check Dirt Access			?	We advise that you check all areas where dirt can enter the system.			

HISTORICAL DIAGNOSIS



04 Jun 2022 Diag: Angela Borella

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

21 Feb 2022 Diag: Jonathan Hester



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

view report



17 Sep 2021 Diag: Don Baldridge

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

OKLAHOMA/102/EG - OTHER SERVICE 78.66 [OKLAHOMA^102^EG - OTHER SERVICE]

Sample Rating Trend DIRT



Component Hydraulic System

MOBIL DELVAC MX 15W40 (--- GAL)

	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	Sample Number		Client Info		WC0819973	WC0649273	WC0649288
n	Sample Date		Client Info		10 Aug 2023	04 Jun 2022	21 Feb 2022
	Machine Age	hrs	Client Info		42060	15780	15280
(Oil Age	hrs	Client Info		14790	0	27270
	Oil Changed		Client Info		N/A	N/A	N/A
	Sample Status				ABNORMAL	ATTENTION	ATTENTION
	WEAR METALS		method	limit/base	current	history1	history2
)	Iron	ppm	ASTM D5185m	>20	16	13	9
s. The le	Chromium	ppm	ASTM D5185m	>10	1	<1	<1
	Nickel	ppm	ASTM D5185m	>10	0	0	0
	Titanium	ppm	ASTM D5185m		<1	<1	<1
	Silver	ppm	ASTM D5185m		<1	0	<1
	Aluminum	ppm	ASTM D5185m	>10	🔺 16	13	9
	Lead	ppm	ASTM D5185m	>10	<1	1	1
	Copper	ppm	ASTM D5185m	>75	18	14	12
	Tin	ppm	ASTM D5185m	>10	0	<1	<1
	Antimony	ppm	ASTM D5185m				<1
	Vanadium	ppm	ASTM D5185m		0	0	0
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		57	60	51
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		15	13	13
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		197	181	211
	Calcium	ppm	ASTM D5185m		2535	2286	2578
	Phosphorus	ppm	ASTM D5185m		948	859	998
	Zinc	ppm	ASTM D5185m		1129	1007	1051
S	Sulfur	ppm	ASTM D5185m		6018	4775	4658
	CONTAMINANTS	;	method	limit/base	current	history1	history2
Sod	Silicon	ppm	ASTM D5185m	>20	<u> </u>	18	12
	Sodium	ppm	ASTM D5185m		0	2	2
	Potassium	ppm	ASTM D5185m	>20	3	0	<1
	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647		72335	104371	86863
	Particles >6µm		ASTM D7647	>2500	2422	<u> </u>	A 3128
	Particles >14µm		ASTM D7647	>640	29	20	49
	Particles >21µm		ASTM D7647	>160	8	3	11
	Particles >38µm		ASTM D7647	>40	0	1	0
	Particles >71µm		ASTM D7647	>10	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/18/16	23/18/12	4 /19/11	4 /19/13
	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

DIAGNOSIS

Recommendation

We advise that you check all areas where enter the system. Resample at the next s interval to monitor. (Customer Sample C 16559 hrs)

A Wear

All component wear rates are normal.

Contamination

Elemental levels of silicon (Si) and alumin indicate alumina-silicate (coarse dirt) ingr amount and size of particulates present in system are acceptable.

Fluid Condition

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



Particle Trend

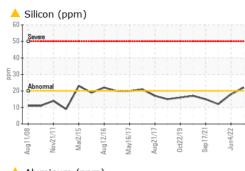
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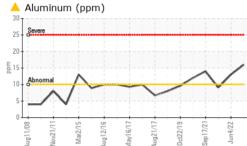
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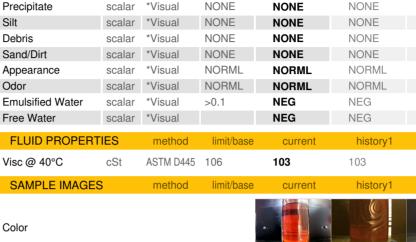
OIL ANALYSIS REPORT

scalar

scalar







limit/base

NONE

NONE

current

NONE

NONE

method

*Visual

*Visual



history1

NONE

NONE

history2

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

history2

history2

NEG

NEG

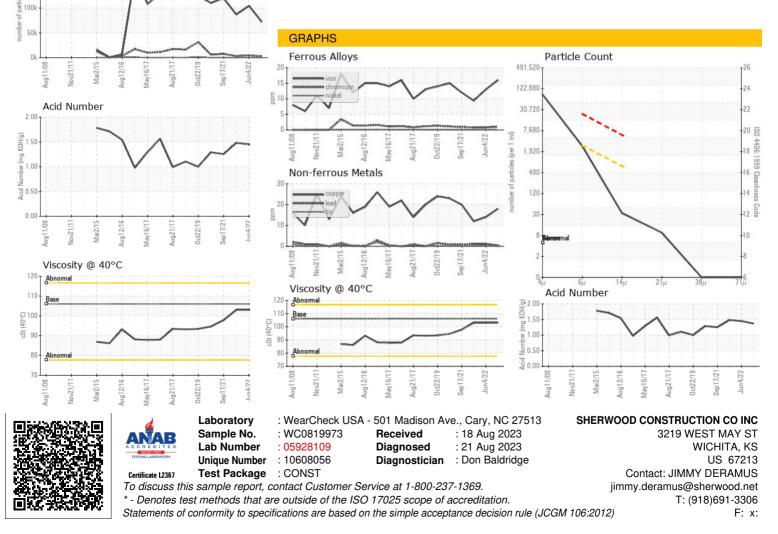
103

Bottom

VISUAL

White Metal

Yellow Metal



Submitted By: LOUIS BRESHEARS

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