

# **OIL ANALYSIS REPORT**

# Sample Rating Trend

# Martinsville [Martinsville] Oil - Port Reduction Gear

**Port Reduction Gear** 

**MOBIL DELVAC 1640 (28 GAL)** 

# **[....,...,...,..,..,..,..,..,..,..**



### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: George Willis )

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

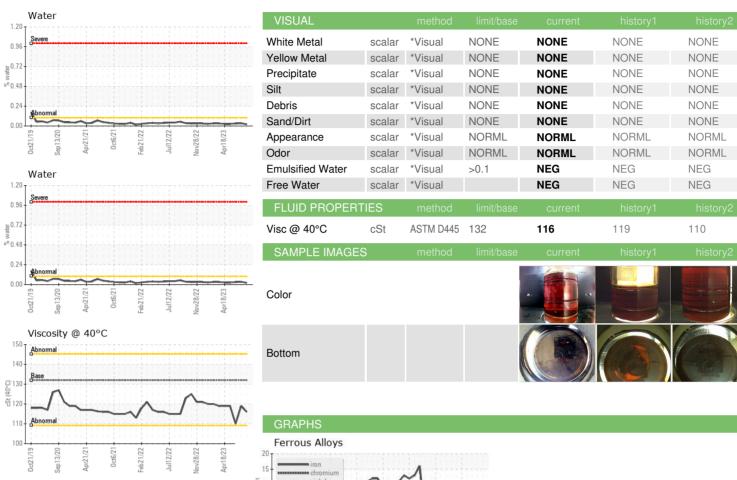
### **Fluid Condition**

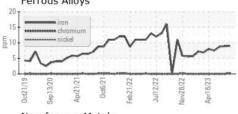
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

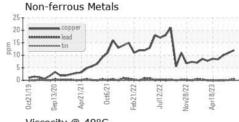
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0769135	WC0769178	WC0769443
Sample Date		Client Info		08 Aug 2023	10 Jul 2023	13 Jun 2023
Machine Age	hrs	Client Info		19402	18820	18206
Oil Age	hrs	Client Info		7098	6517	5903
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	9	9	9
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
Lead	ppm	ASTM D5185m	>100	<1	<1	0
Copper	ppm	ASTM D5185m	>50	12	11	10
Tin	ppm	ASTM D5185m	>10	0	<1	0
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		12	12	14
Barium	ppm	ASTM D5185m		0	1	2
Molybdenum	ppm	ASTM D5185m		38	40	39
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		523	512	496
Calcium	ppm	ASTM D5185m		1520	1460	1380
Phosphorus	ppm	ASTM D5185m		828	853	825
Zinc	ppm	ASTM D5185m		971	980	959
Sulfur	ppm	ASTM D5185m		3555	3489	3811
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	2	2
Sodium	ppm	ASTM D5185m		3	0	0
<b>5</b>	ppm	ASTM D5185m	>20	2	2	2
Potassium	ppiii					
Potassium Water	%	ASTM D6304	>0.1	0.021	0.033	0.029
			>0.1 >1000	0.021 215.3	0.033 335.6	0.029 290.3
Water	% ppm	ASTM D6304				

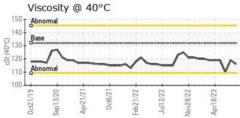


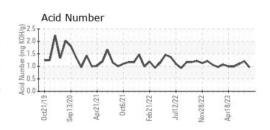
## **OIL ANALYSIS REPORT**















Certificate L2367

Laboratory

Sample No. Lab Number **Unique Number** 

: 05927317 : 10607264

: WC0769135 Received Diagnosed

: 18 Aug 2023 Diagnostician : Doug Bogart

: 17 Aug 2023

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Test Package : IND 2 (Additional Tests: KF)

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)

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