



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**RP GETTLEFINGER (S/N 7-474210-1)**  
Component  
**Port Reduction Gear**  
Fluid  
**SCHAEFFER 267 80W90 (325 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0055944</b>	MW0056018	MW0050461
Sample Date		Client Info		<b>06 Feb 2024</b>	27 Dec 2023	05 Jul 2023
Machine Age	hrs	Client Info		<b>88240</b>	87323	83679
Oil Age	hrs	Client Info		<b>25160</b>	24203	20590
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>None</b>	None	None
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>150	<b>34</b>	33	30
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	<1
Lead	ppm	ASTM D5185m	>100	<b>1</b>	0	<1
Copper	ppm	ASTM D5185m	>50	<b>11</b>	8	9
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

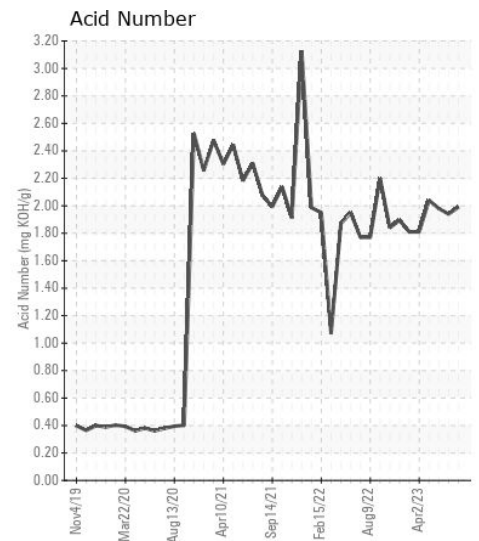
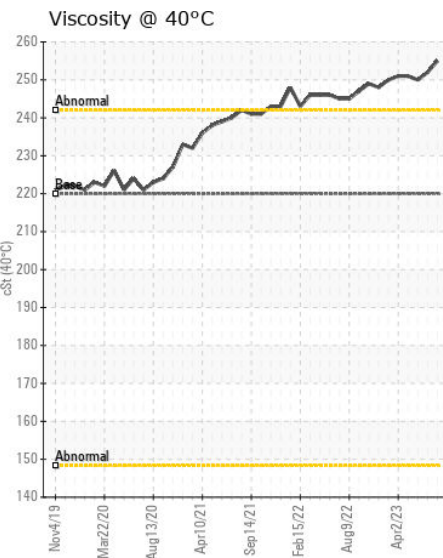
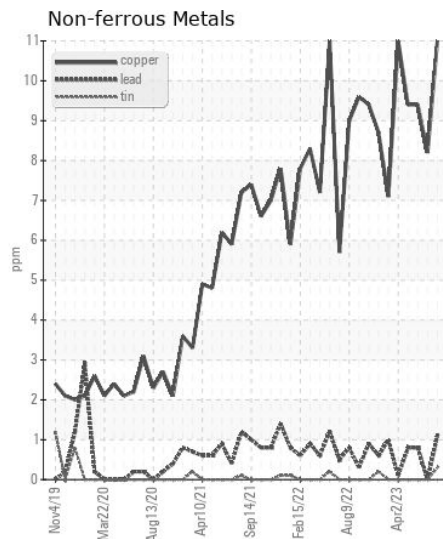
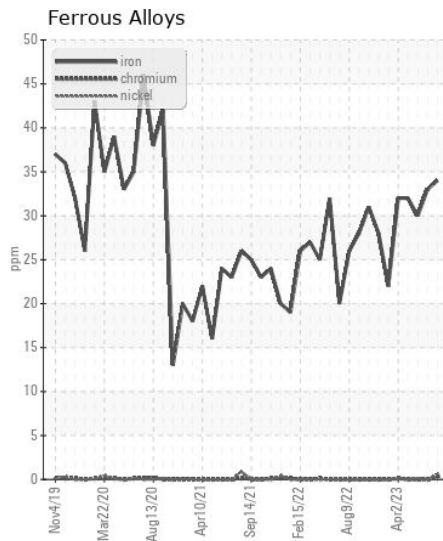
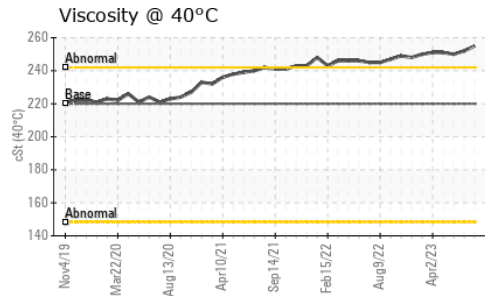
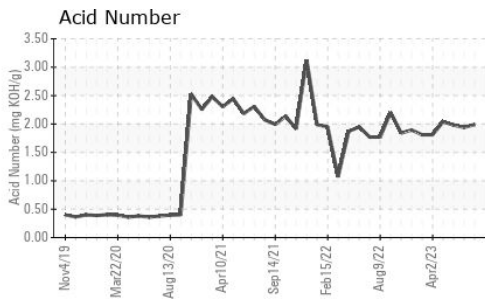
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>13</b>	10	11
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	1	3
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>12</b>	14	9
Boron	ppm	ASTM D5185m		<b>18</b>	17	28
Barium	ppm	ASTM D5185m		<b>8</b>	<1	<1
Molybdenum	ppm	ASTM D5185m		<b>494</b>	520	525
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>11</b>	11	12
Calcium	ppm	ASTM D5185m		<b>141</b>	146	147
Phosphorus	ppm	ASTM D5185m		<b>995</b>	974	1001
Zinc	ppm	ASTM D5185m		<b>73</b>	72	72
Sulfur	ppm	ASTM D5185m		<b>19584</b>	17153	19011
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>1.99</b>	1.94	1.98
Visc @ 40°C	cSt	ASTM D445	220	<b>255</b>	252	250



Certificate L2367

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

**Sample No.** : MW0055944

**Lab Number** : 06097888

**Unique Number** : 10896118

**Test Package** : MAR 2

**Received** : 22 Feb 2024

**Tested** : 23 Feb 2024

**Diagnosed** : 25 Feb 2024 - Don Baldrige

**AMERICAN COMMERCIAL LINES**

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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)