



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

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		MW0055934	MW0055944	MW0056018
Sample Date		Client Info		11 Apr 2024	06 Feb 2024	27 Dec 2023
Machine Age	hrs	Client Info		26618	88240	87323
Oil Age	hrs	Client Info		26618	25160	24203
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>150	46	34	33
Chromium	ppm	ASTM D5185m	>10	<1	<1	0
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	8	2	2
Lead	ppm	ASTM D5185m	>100	1	1	0
Copper	ppm	ASTM D5185m	>50	13	11	8
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

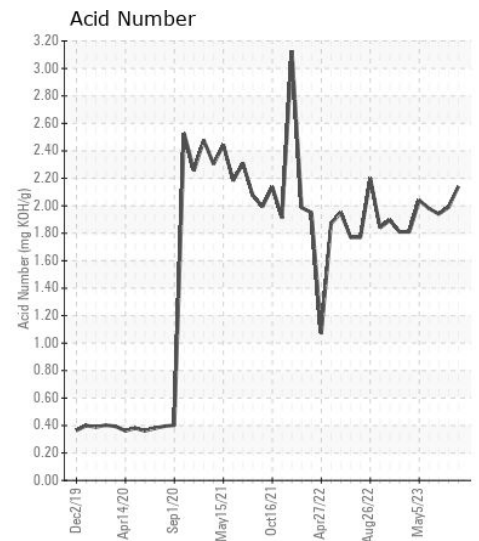
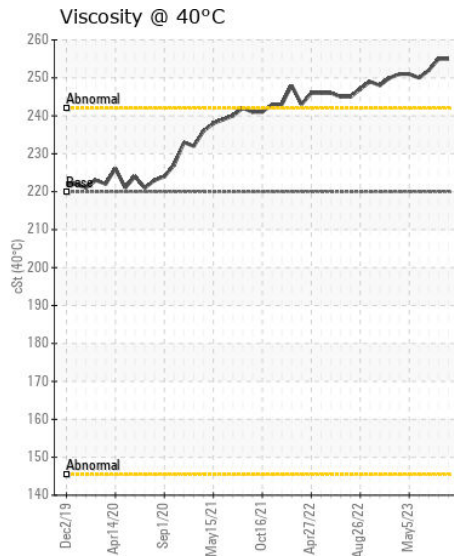
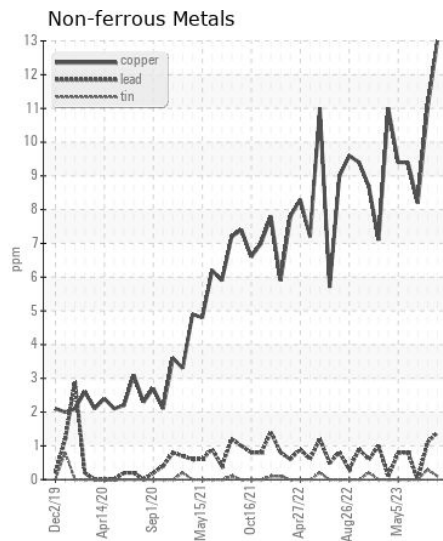
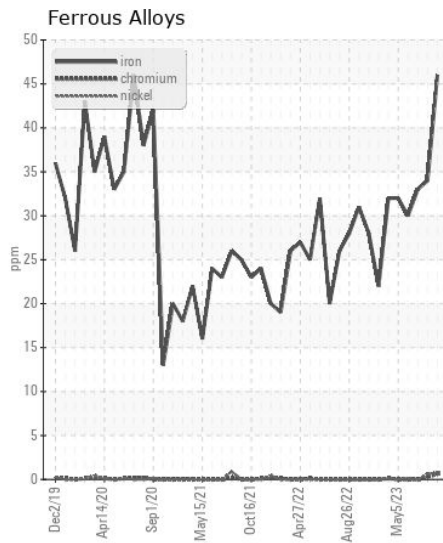
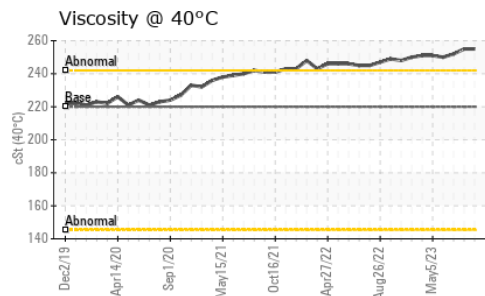
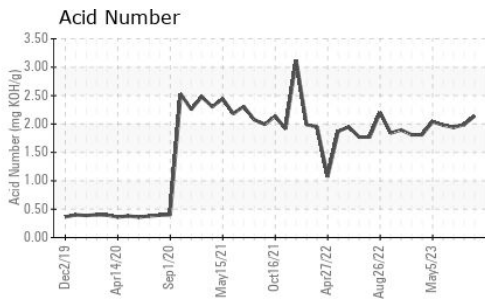
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	15	13	10
Potassium	ppm	ASTM D5185m	>20	3	3	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	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		22	12	14
Boron	ppm	ASTM D5185m		23	18	17
Barium	ppm	ASTM D5185m		4	8	<1
Molybdenum	ppm	ASTM D5185m		711	494	520
Manganese	ppm	ASTM D5185m		1	1	<1
Magnesium	ppm	ASTM D5185m		18	11	11
Calcium	ppm	ASTM D5185m		209	141	146
Phosphorus	ppm	ASTM D5185m		1525	995	974
Zinc	ppm	ASTM D5185m		110	73	72
Sulfur	ppm	ASTM D5185m		28017	19584	17153
Acid Number (AN)	mg KOH/g	ASTM D8045		2.14	1.99	1.94
Visc @ 40°C	cSt	ASTM D445	220	255	255	252



Certificate L2367

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

Sample No. : MW0055934

Lab Number : 06159291

Unique Number : 10994714

Test Package : MAR 2

Received : 24 Apr 2024

Tested : 25 Apr 2024

Diagnosed : 26 Apr 2024 - Don Baldrige

AMERICAN COMMERCIAL LINES

PO BOX 610, 1701 E. MARKET STREET

JEFFERSONVILLE, IN

US 47130

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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)