

Machine Id 016-0114 Component Front Axle Fluid SCHAEFFER SCHAEFFER 293 MOLY 75W90 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

WEAR

Iron ppm levels are severe. Gear wear is indicated.

CONTAMINATION

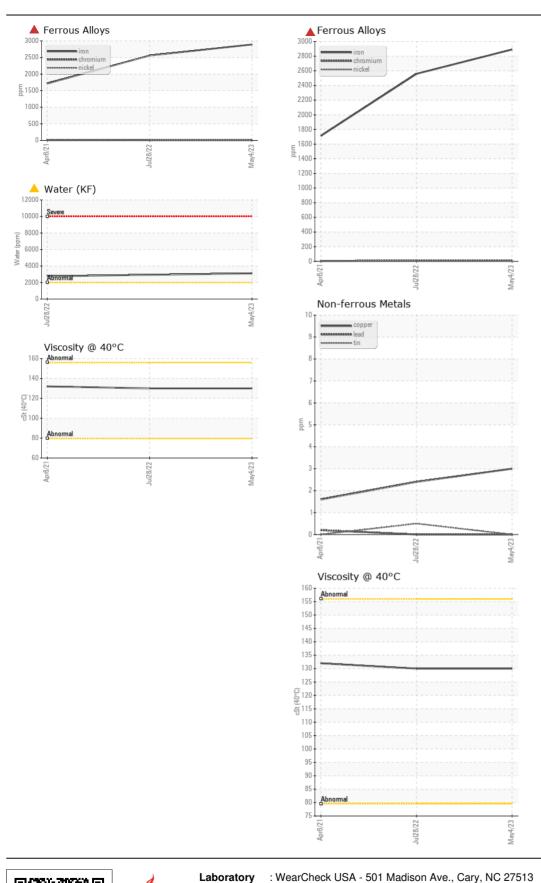
There is a moderate concentration of water present in the oil.

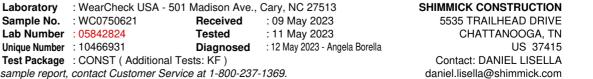
FLUID CONDITION

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

- GAL)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0750621	WC0698129	WC0548508
Sample Date		Client Info		04 May 2023	28 Jul 2022	08 Apr 2021
Machine Age	hrs	Client Info		10346	8097	4713
Oil Age	hrs	Client Info		0	0	1000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Chango
Filter Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				SEVERE	SEVERE	SEVERE
			. 500	A 0001	A 0550	1 710
Iron	ppm	ASTM D5185m	>500	A 2891	▲ 2559 ¬	▲ 1713 □
Chromium	ppm	ASTM D5185m	>10	8	7	5
Nickel	ppm	ASTM D5185m	>10	1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	05	0	<1	5
Aluminum	ppm	ASTM D5185m	>25	2	7	0
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	3	2	2
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	27	22	14
Potassium	ppm	ASTM D5185m	>20	1	0	1
Water	%	ASTM D6304	>0.2	0.311	▲ 0.276	
ppm Water	ppm	ASTM D6304	>2000	A 3110	A 2760	
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	NORMI
Odor	scalar	*Visual	NORML	NORML	NORML	NORMI
Emulsified Water	scalar	*Visual	>0.2	0.2%	0.2%	NEG
Sodium		ASTM D5185m		3	3	4
Boron	ppm ppm	ASTM D5185m		3 114	123	89
Barium	ppm	ASTM D5185m		3	2	<1
Molybdenum	ppm	ASTM D5185m		325	262	135
Manganese	ppm	ASTM D5185m		27	26	17
Magnesium		ASTM D5185m		<1	1	1
Calcium	ppm	ASTM D5185m		<1 114	108	75
Phosphorus	ppm	ASTM D5185m		1462	1396	1470
Zinc	ppm	ASTM D5185m		42	49	49
Sulfur	ppm	ASTM D5185m		42 24669	49 20547	17930
	ppm					
Visc @ 40°C	cSt	ASTM D445		130	130	132

Contact/Location: DANIEL LISELLA - AECCHATN





- 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)

Certificate L2367

Sample No.

Contact/Location: DANIEL LISELLA - AECCHATN Page 2 of 2

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