CONST

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
015-R0006
Component
Front Axle
Fluid
SCHAEFFER 293 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Front Axle Sample)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

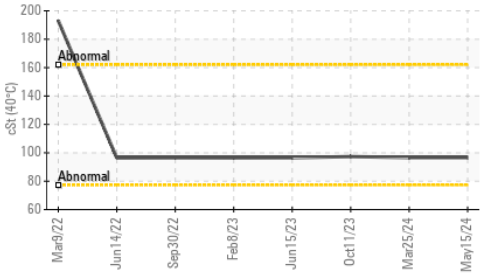
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0868334**	WC0904099	WC0750699
Sample Date		Client Info		**15 May 2024**	25 Mar 2024	11 Oct 2023
Machine Age	hrs	Client Info		**6362**	6362	5413
Oil Age	hrs	Client Info		**6362**	0	0
Filter Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	Not Changd	Not Changd
Filter Changed		Client Info		**N/A**	Not Changd	Not Changd
Sample Status				**NORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>500	**3**	<1	0
Chromium	ppm	ASTM D5185m	>10	**<1**	0	0
Nickel	ppm	ASTM D5185m	>10	**<1**	0	<1
Titanium	ppm	ASTM D5185m		**<1**	0	<1
Silver	ppm	ASTM D5185m		**<1**	0	0
Aluminum	ppm	ASTM D5185m	>25	**4**	2	3
Lead	ppm	ASTM D5185m	>25	**<1**	0	0
Copper	ppm	ASTM D5185m	>50	**24**	21	18
Tin	ppm	ASTM D5185m	>10	**<1**	0	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	**7**	3	5
Potassium	ppm	ASTM D5185m	>20	**2**	0	2
Water		WC Method	>0.2	**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	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185m		**0**	1	0
Boron	ppm	ASTM D5185m	124	**78**	87	92
Barium	ppm	ASTM D5185m		**0**	<1	<1
Molybdenum	ppm	ASTM D5185m	306	**402**	381	398
Manganese	ppm	ASTM D5185m		**1**	<1	<1
Magnesium	ppm	ASTM D5185m	0	**3**	<1	6
Calcium	ppm	ASTM D5185m	23	**30**	23	26
Phosphorus	ppm	ASTM D5185m	1100	**1265**	1158	1315
Zinc	ppm	ASTM D5185m	2	**37**	30	35
Sulfur	ppm	ASTM D5185m	25200	**26442**	24007	23418
Visc @ 40°C	cSt	ASTM D445		**96.6**	96.6	97.3

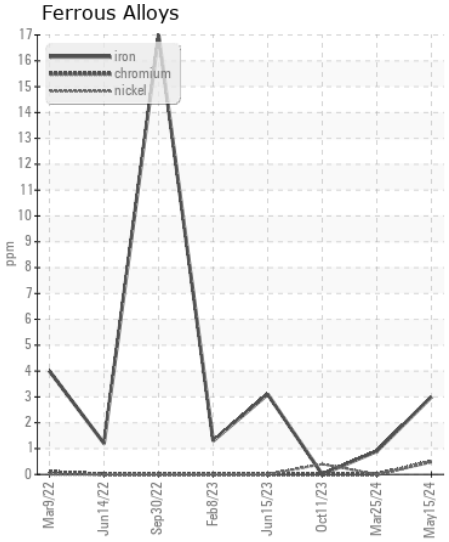
Report Id: AECCHATN [WUSCAR] 06186966 (Generated: 05/23/2024 15:51:50) Rev: 1

Submitted By: TECH TECHNICIAN

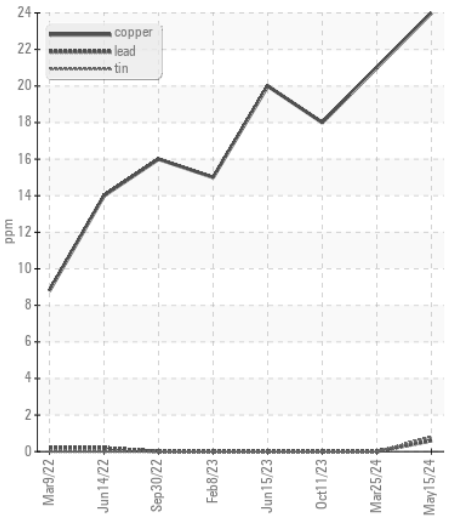
Viscosity @ 40°C



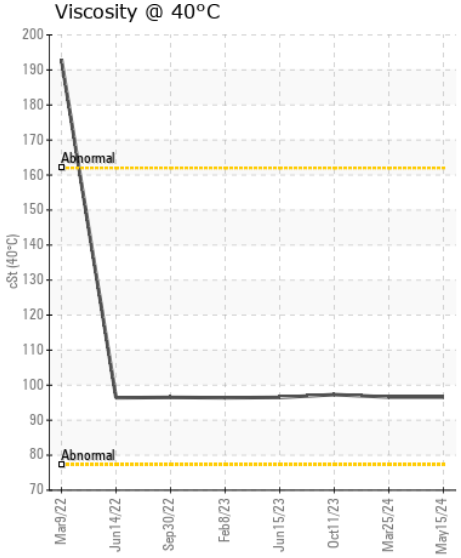
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0868334
Lab Number : 06186966
Unique Number : 11043718
Test Package : CONST

Received : 21 May 2024
Tested : 23 May 2024
Diagnosed : 23 May 2024 - Don Baldridge

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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