FLEET WEAR CHECK

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
{UNASSIGNED}
Machine Id
GRUMMAN GSO-297
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 32 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

The lead level has decreased, but is still abnormal. All other component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

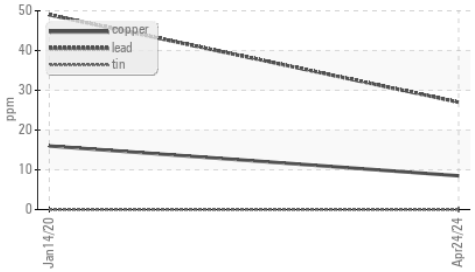
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0930914**	WC0419864	---
Sample Date		Client Info		**24 Apr 2024**	14 Jan 2020	---
Machine Age	hrs	Client Info		**715**	706	---
Oil Age	hrs	Client Info		**0**	0	---
Filter Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**Not Changd**	Not Changd	---
Filter Changed		Client Info		**Not Changd**	Not Changd	---
Sample Status				**ABNORMAL**	ABNORMAL	---
Iron	ppm	ASTM D5185m	>20	**2**	4	---
Chromium	ppm	ASTM D5185m	>10	**0**	<1	---
Nickel	ppm	ASTM D5185m	>10	**0**	<1	---
Titanium	ppm	ASTM D5185m		**0**	0	---
Silver	ppm	ASTM D5185m		**0**	0	---
Aluminum	ppm	ASTM D5185m	>10	**0**	<1	---
Lead	ppm	ASTM D5185m	>10	▲ **27**	▲ 49	---
Copper	ppm	ASTM D5185m	>75	**8**	16	---
Tin	ppm	ASTM D5185m	>10	**0**	0	---
Vanadium	ppm	ASTM D5185m		**0**	0	---
White Metal	scalar	*Visual	NONE	**NONE**	NONE	---
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	---
Silicon	ppm	ASTM D5185m	>20	**6**	10	---
Potassium	ppm	ASTM D5185m	>20	**0**	1	---
Water		WC Method	>0.1	**NEG**	NEG	---
Silt	scalar	*Visual	NONE	**NONE**	NONE	---
Debris	scalar	*Visual	NONE	**NONE**	NONE	---
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	---
Appearance	scalar	*Visual	NORML	**NORML**	NORML	---
Odor	scalar	*Visual	NORML	**NORML**	NORML	---
Emulsified Water	scalar	*Visual	>0.1	**NEG**	NEG	---
Sodium	ppm	ASTM D5185m		**<1**	<1	---
Boron	ppm	ASTM D5185m	5	**0**	2	---
Barium	ppm	ASTM D5185m	5	**0**	0	---
Molybdenum	ppm	ASTM D5185m	5	**0**	0	---
Manganese	ppm	ASTM D5185m		**0**	0	---
Magnesium	ppm	ASTM D5185m	25	**0**	<1	---
Calcium	ppm	ASTM D5185m	200	**83**	133	---
Phosphorus	ppm	ASTM D5185m	300	**308**	367	---
Zinc	ppm	ASTM D5185m	370	**377**	475	---
Sulfur	ppm	ASTM D5185m	2500	**2522**	2511	---
Visc @ 40°C	cSt	ASTM D445	32	**35.0**	37.6	---

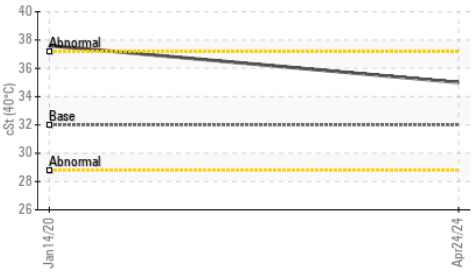
Report Id: JONROG [WUSCAR] 06176391 (Generated: 05/14/2024 14:31:52) Rev: 1

Submitted By: RANDY PRICE

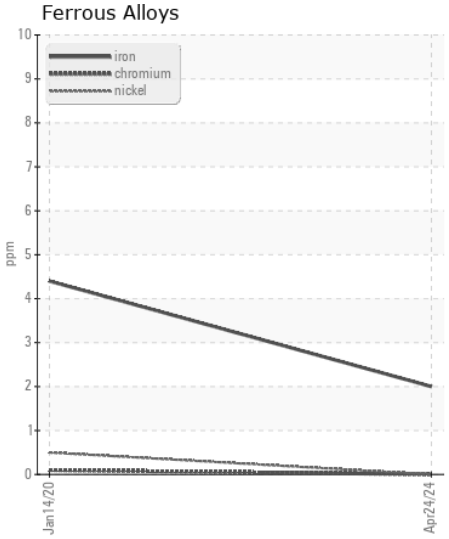
Non-ferrous Metals



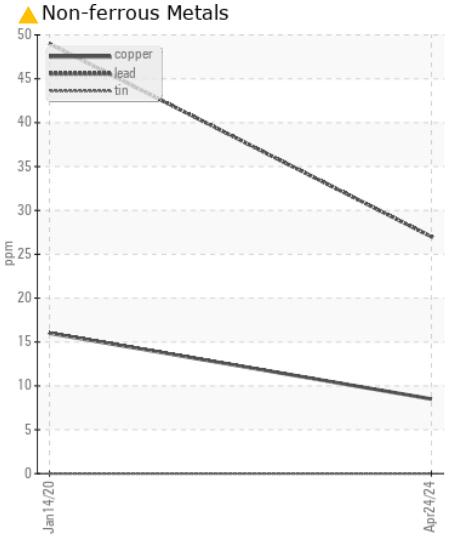
Viscosity @ 40°C



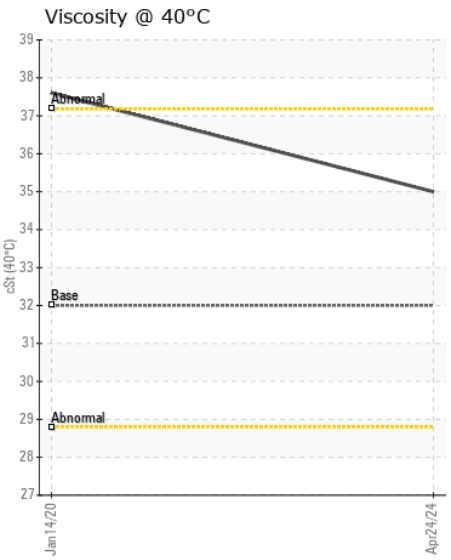
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0930914
Lab Number : 06176391
Unique Number : 11022444
Test Package : FLEET

Received : 10 May 2024
Tested : 13 May 2024
Diagnosed : 14 May 2024 - Sean Felton

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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