



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
AO0000383

Component
Gearbox

Fluid
GEAR OIL SAE 75W90 (--- GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

Gear wear is indicated. 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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	AO0000383	---	---
Sample Date	Client Info	08 Apr 2024	---	---
Machine Age	hrs	Client Info	2700	---
Oil Age	hrs	Client Info	1000	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	---

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>200	▲ 464	---
Chromium	ppm	ASTM D5185m	>10	2	---
Nickel	ppm	ASTM D5185m	>10	1	---
Titanium	ppm	ASTM D5185m		<1	---
Silver	ppm	ASTM D5185m		<1	---
Aluminum	ppm	ASTM D5185m	>25	2	---
Lead	ppm	ASTM D5185m	>50	0	---
Copper	ppm	ASTM D5185m	>200	2	---
Tin	ppm	ASTM D5185m	>10	4	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	400	14	---
Barium	ppm	ASTM D5185m	200	3	---
Molybdenum	ppm	ASTM D5185m	12	<1	---
Manganese	ppm	ASTM D5185m		5	---
Magnesium	ppm	ASTM D5185m	12	7	---
Calcium	ppm	ASTM D5185m	150	39	---
Phosphorus	ppm	ASTM D5185m	1650	216	---
Zinc	ppm	ASTM D5185m	125	28	---
Sulfur	ppm	ASTM D5185m	22500	13967	---

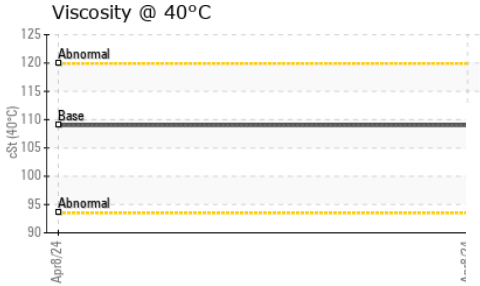
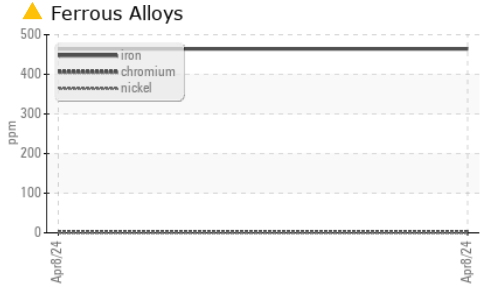
CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	17	---
Sodium	ppm	ASTM D5185m		22	---
Potassium	ppm	ASTM D5185m	>20	4	---

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---
Free Water	scalar	*Visual		NEG	---

OIL ANALYSIS REPORT

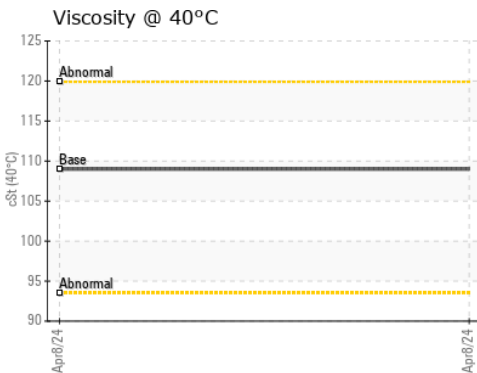
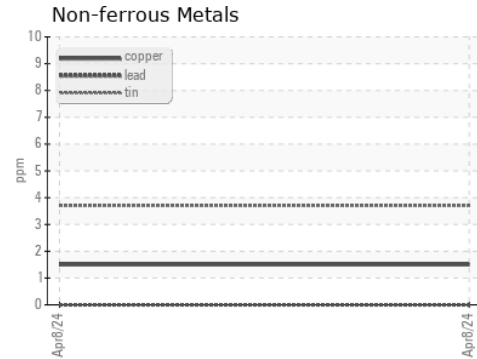
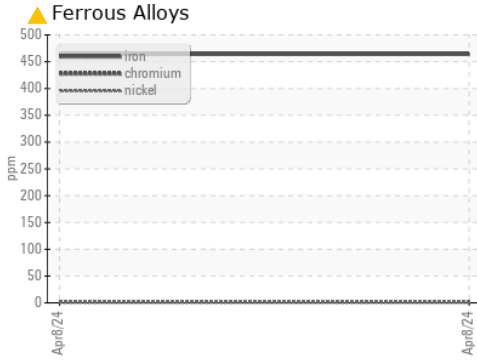


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 109	109	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image
Bottom	no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : AO0000383
Lab Number : **06150771**
Unique Number : 10980849
Test Package : FLEET
Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 18 Apr 2024 - Don Baldrige

DEEP WELL SERVICES
 10218 WEST CR 148
 MIDLAND, TX
 US 79706
 Contact: ADRIAN GARCIA
 agarcia@deepwellservices.com

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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F: