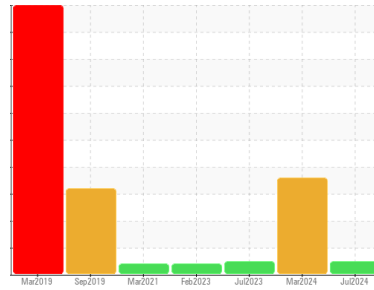




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

DR-101

Component

Right Final Drive

Fluid

GEAR OIL SAE 80W90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. Please specify the component make and model with your next 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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0909537	WC06125250	WC0705214
Sample Date	Client Info		01 Jul 2024	01 Mar 2024	18 Jul 2023
Machine Age	hrs	Client Info	2409	2214	1965
Oil Age	hrs	Client Info	0	0	1965
Oil Changed	Client Info		N/A	N/A	Not Changd
Sample Status			NORMAL	ABNORMAL	NORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>500	107	▲ 790	111
Chromium	ppm	ASTM D5185m	>10	<1	6	<1
Nickel	ppm	ASTM D5185m	>10	0	2	<1
Titanium	ppm	ASTM D5185m		<1	6	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	8	● 56	9
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	<1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	400	11	11	16
Barium	ppm	ASTM D5185m	200	0	0	0
Molybdenum	ppm	ASTM D5185m	12	0	0	0
Manganese	ppm	ASTM D5185m		1	8	2
Magnesium	ppm	ASTM D5185m	12	0	6	0
Calcium	ppm	ASTM D5185m	150	14	31	0
Phosphorus	ppm	ASTM D5185m	1650	379	548	312
Zinc	ppm	ASTM D5185m	125	0	37	0
Sulfur	ppm	ASTM D5185m	22500	19251	22900	16293

CONTAMINANTS

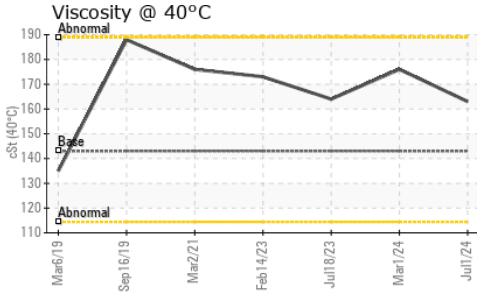
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>75	21	▲ 147	25
Sodium	ppm	ASTM D5185m	>170	2	5	2
Potassium	ppm	ASTM D5185m	>20	3	7	3

VISUAL

	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	MODER	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	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
Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT



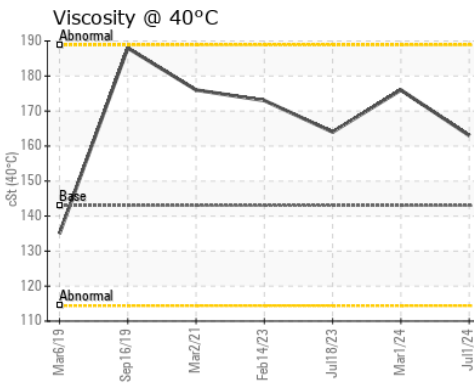
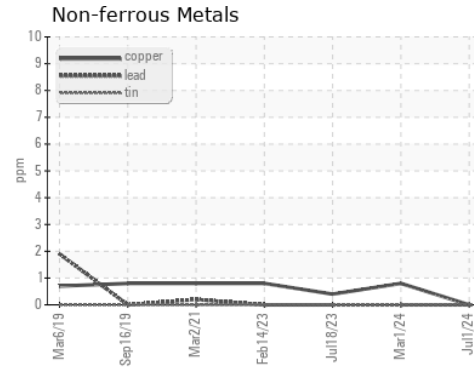
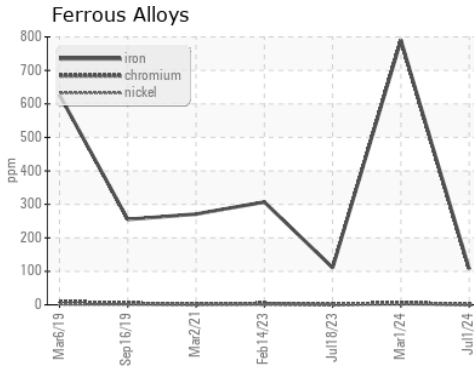
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 143	163	176	164

SAMPLE IMAGES

	method	limit/base	current	history1	history2
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. : WC0909537
Lab Number : 06236629
Unique Number : 11125463
Test Package : FLEET

Received : 15 Jul 2024
Tested : 16 Jul 2024
Diagnosed : 16 Jul 2024 - Wes Davis

E.C. PACE CO.
 1811 HOLLINS RD.
 ROANOKE, VA
 US 24012
 Contact: EDDIE SECO
 ESECO@ECPACE.COM
 T: (276)266-5849
 F: (540)343-6909

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)