



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
KOMATSU TA-308
Component
Center Right Final Drive
Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

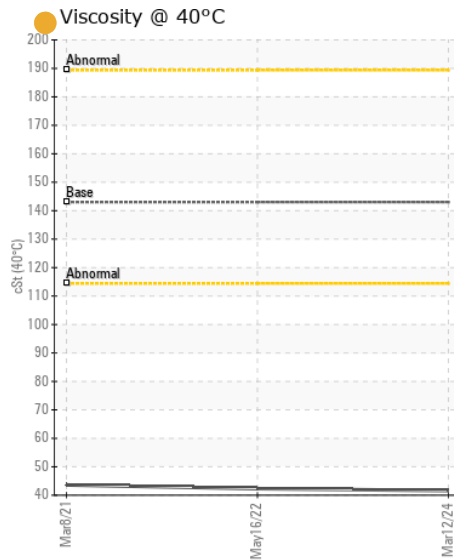
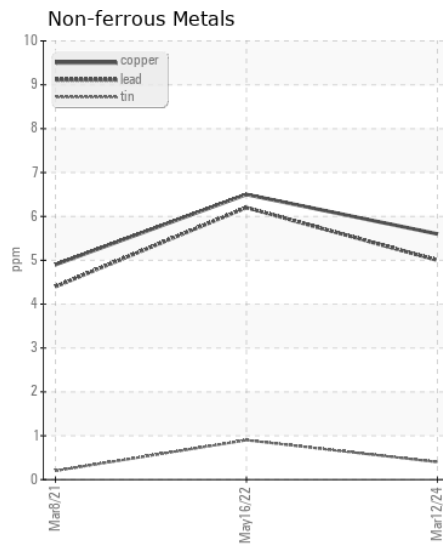
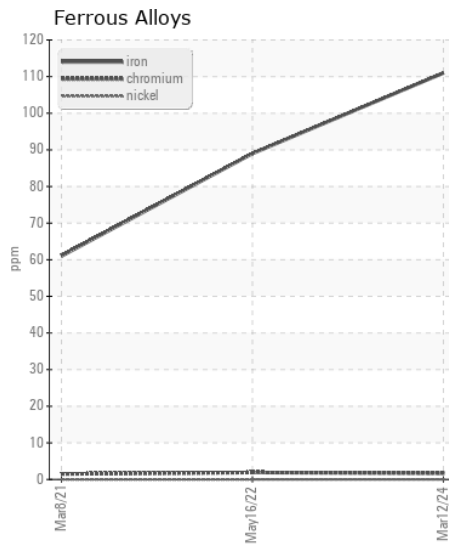
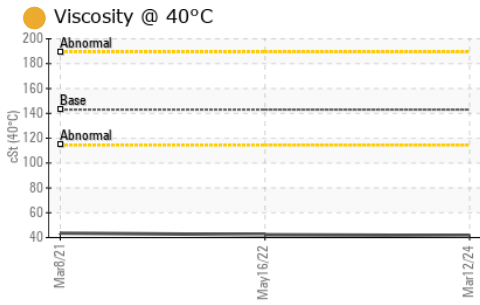
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The oil viscosity is lower than normal. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0909421	WC0588178	WC0534263
Sample Date		Client Info		12 Mar 2024	16 May 2022	08 Mar 2021
Machine Age	hrs	Client Info		3124	2310	1552
Oil Age	hrs	Client Info		0	2310	1552
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				ATTENTION	ATTENTION	NORMAL
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Iron	ppm	ASTM D5185m	>500	111	89	61
Chromium	ppm	ASTM D5185m	>10	2	2	2
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	<1	<1
Aluminum	ppm	ASTM D5185m	>25	<1	2	0
Lead	ppm	ASTM D5185m	>25	5	6	4
Copper	ppm	ASTM D5185m	>50	6	6	5
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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Silicon	ppm	ASTM D5185m	>75	17	17	12
Potassium	ppm	ASTM D5185m	>20	0	0	1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	MODER
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
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Sodium	ppm	ASTM D5185m	>170	19	18	15
Boron	ppm	ASTM D5185m	400	118	121	117
Barium	ppm	ASTM D5185m	200	0	0	<1
Molybdenum	ppm	ASTM D5185m	12	8	6	9
Manganese	ppm	ASTM D5185m		4	4	3
Magnesium	ppm	ASTM D5185m	12	13	17	13
Calcium	ppm	ASTM D5185m	150	3435	3786	3687
Phosphorus	ppm	ASTM D5185m	1650	1180	1170	1147
Zinc	ppm	ASTM D5185m	125	1405	1465	1386
Sulfur	ppm	ASTM D5185m	22500	6668	6589	4929
Visc @ 40°C	cSt	ASTM D445	143	41.6	42.3	43.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0909421
Lab Number : 06147779
Unique Number : 10977857
Test Package : FLEET
Received : 12 Apr 2024
Tested : 15 Apr 2024
Diagnosed : 16 Apr 2024 - Don Baldrige

E.C. PACE CO.
 1811 HOLLINS RD.
 ROANOKE, VA
 US 24012

Contact: RANDY DUNNIGAN
 rdunnigan@ecpace.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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