MOB II LUBE PLUS+

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
TAKEUCHI L-20
Component
Rear Differential
Fluid
SUPER FLEET 10W (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

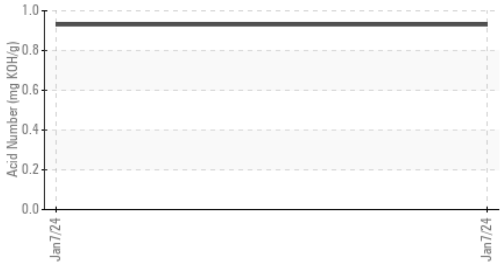
There is no indication of any contamination in the oil.

FLUID CONDITION

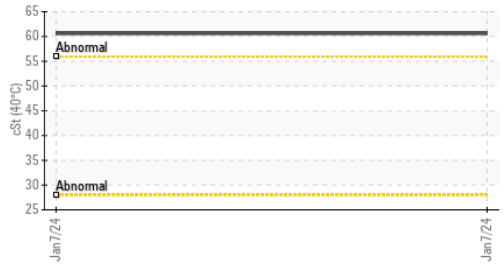
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LP0001350	---	---
Sample Date		Client Info		07 Jan 2024	---	---
Machine Age	hrs	Client Info		232	---	---
Oil Age	hrs	Client Info		232	---	---
Filter Age	hrs	Client Info		232	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185m	>500	155	---	---
Chromium	ppm	ASTM D5185m	>10	1	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>100	57	---	---
Tin	ppm	ASTM D5185m	>10	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	MODER	---	---
Silicon	ppm	ASTM D5185m	>75	15	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>.2	NEG	---	---
Sodium	ppm	ASTM D5185m		16	---	---
Boron	ppm	ASTM D5185m		106	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		6	---	---
Magnesium	ppm	ASTM D5185m		13	---	---
Calcium	ppm	ASTM D5185m		3337	---	---
Phosphorus	ppm	ASTM D5185m		1144	---	---
Zinc	ppm	ASTM D5185m		1416	---	---
Sulfur	ppm	ASTM D5185m		3369	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		0.93	---	---
Visc @ 40°C	cSt	ASTM D445		60.6	---	---

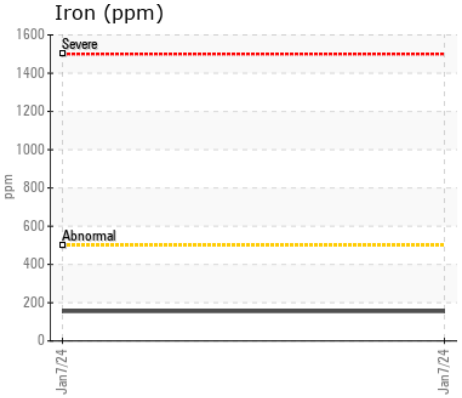
Acid Number



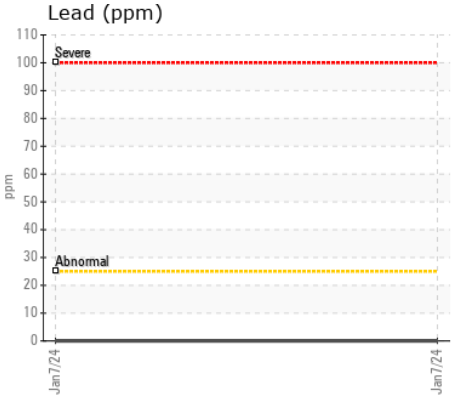
Viscosity @ 40°C



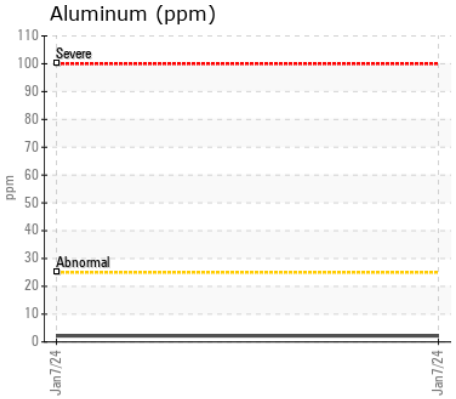
Iron (ppm)



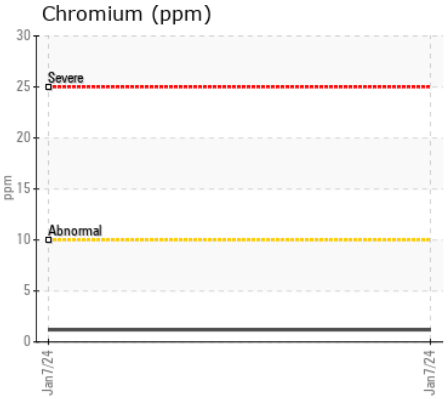
Lead (ppm)



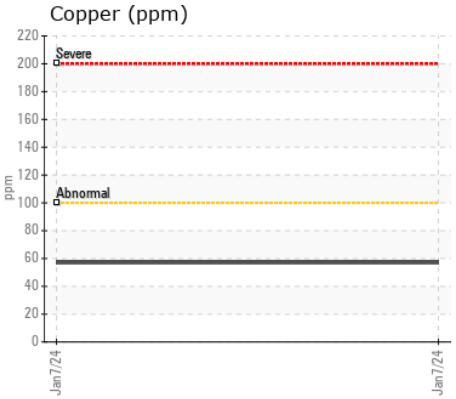
Aluminum (ppm)



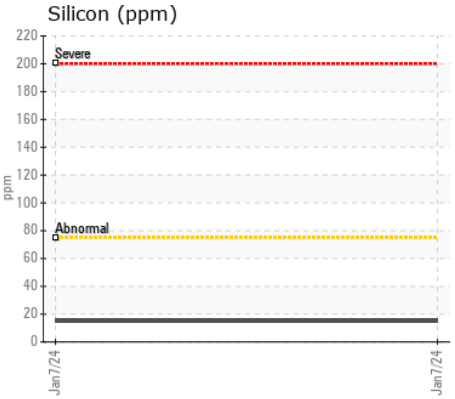
Chromium (ppm)



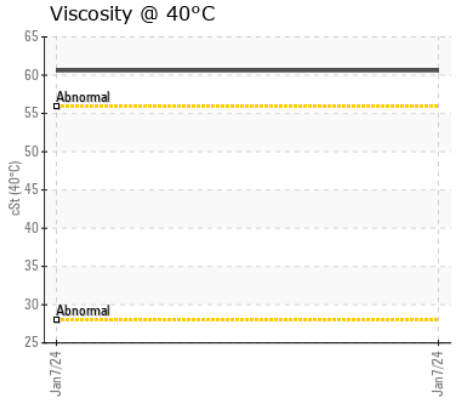
Copper (ppm)



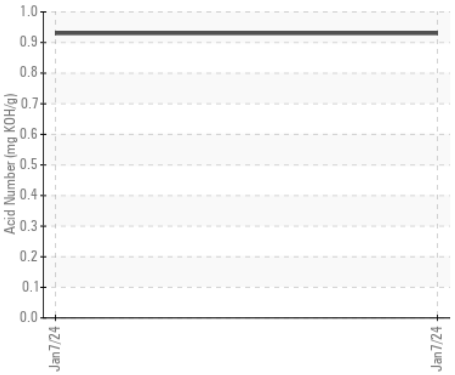
Silicon (ppm)



Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LP0001350
Lab Number : 06062132
Unique Number : 10833514
Test Package : MOB 2

Recieved : 16 Jan 2024
Diagnosed : 18 Jan 2024
Diagnostician : 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)

S.M. LORUSSO & SONS
221 NORFOLK ST.
WALPOLE, MA
US 02081
Contact: PAUL BECKMAN
pbeckman@smlorusso.com
T: (508)668-2603
F: (508)660-0232