MOB II

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Current
Machine Id
IC 31-13
Component
Transmission (Auto)
Fluid
ATF (PAO) (--- QTS)

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 component.

FLUID CONDITION

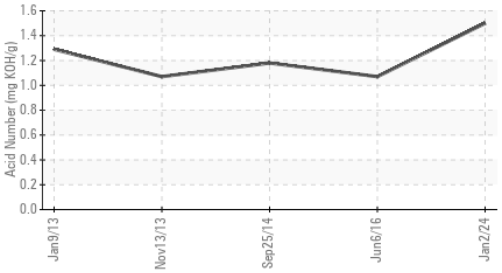
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**WC0849410**	WCM2263106	WCM2235260
Sample Date		Client Info		**02 Jan 2024**	06 Jun 2016	25 Sep 2014
Machine Age	mls	Client Info		**99509**	51755	30022
Oil Age	mls	Client Info		**99509**	51755	30022
Filter Age	mls	Client Info		**99509**	51755	30022
Oil Changed		Client Info		**Changed**	Not Changd	Not Changd
Filter Changed		Client Info		**Changed**	Changed	Not Changd
Sample Status				**NORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>160	**25**	144	87
Chromium	ppm	ASTM D5185m	>5	**<1**	<1	<1
Nickel	ppm	ASTM D5185m	>5	**<1**	1	1
Titanium	ppm	ASTM D5185m		**<1**	0	0
Silver	ppm	ASTM D5185m	>5	**0**	0	0
Aluminum	ppm	ASTM D5185m	>50	**7**	22	13
Lead	ppm	ASTM D5185m	>50	**2**	18	14
Copper	ppm	ASTM D5185m	>225	**5**	14	9
Tin	ppm	ASTM D5185m	>10	**1**	5	2
Vanadium	ppm	ASTM D5185m		**0**	0	0
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	**4**	8	5
Potassium	ppm	ASTM D5185m	>20	**2**	5	3
Water		WC Method	>0.1	**NEG**	NEG	NEG
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
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	>0.1	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185m		**0**	9	6
Boron	ppm	ASTM D5185m	175	**140**	117	103
Barium	ppm	ASTM D5185m	5	**0**	1	0
Molybdenum	ppm	ASTM D5185m	5	**<1**	0	<1
Manganese	ppm	ASTM D5185m		**<1**	3	2
Magnesium	ppm	ASTM D5185m	5	**2**	2	0
Calcium	ppm	ASTM D5185m	125	**89**	62	25
Phosphorus	ppm	ASTM D5185m	290	**319**	292	250
Zinc	ppm	ASTM D5185m	10	**0**	16	<1
Sulfur	ppm	ASTM D5185m	400	**993**	347	238
Acid Number (AN)	mg KOH/g	ASTM D8045		**1.50**	1.07	1.18
Visc @ 40°C	cSt	ASTM D445	32.3	**34.4**	37.45	36.46

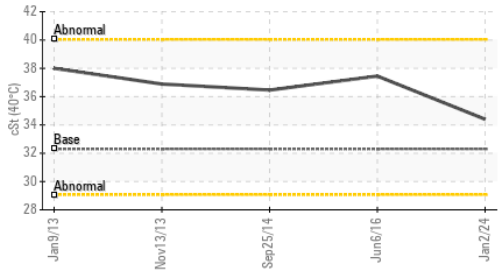
Report Id: INDIND [WUSCAR] 06055004 (Generated: 01/10/2024 13:34:09) Rev: 1

Submitted By: JASON LOGAN

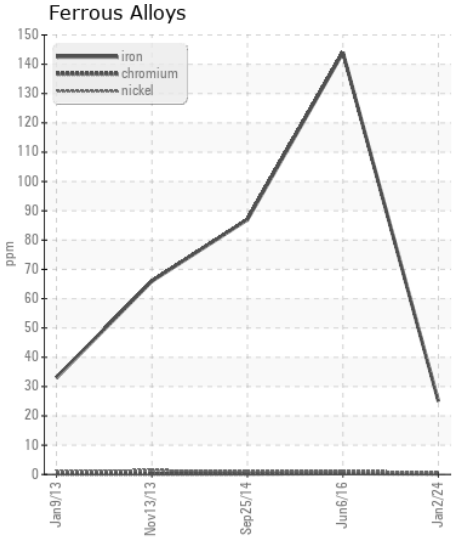
Acid Number



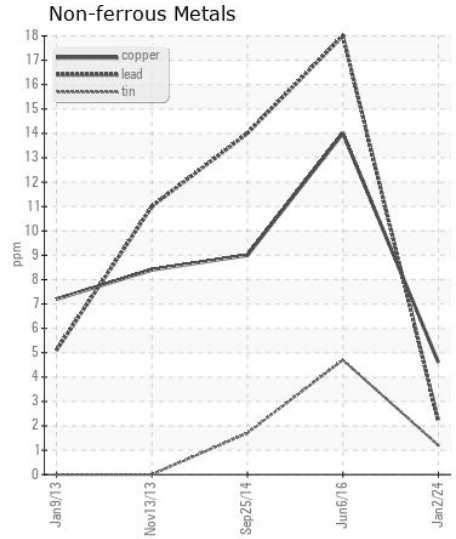
Viscosity @ 40°C



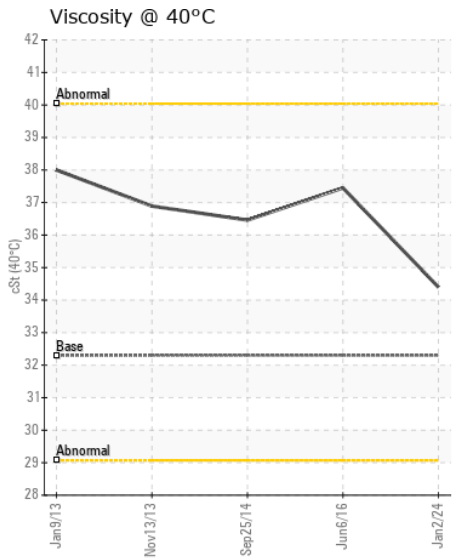
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



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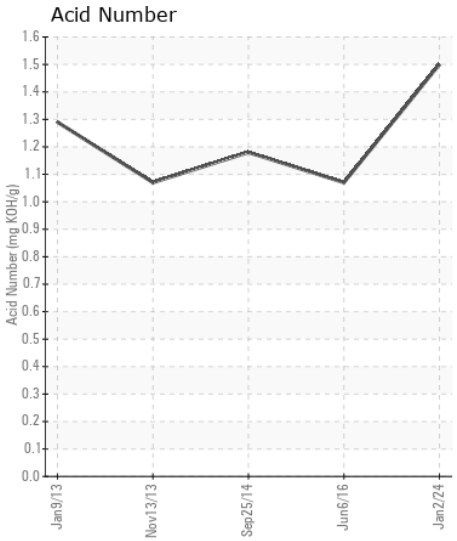

Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0849410 **Recieved** : 08 Jan 2024
Lab Number : 06055004 **Diagnosed** : 10 Jan 2024
Unique Number : 10820953 **Diagnostician** : Angela Borella
Test Package : MOB 2 (Additional Tests: PrtCount)

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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