



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area
Contracting
 Machine Id
7209 7209
 Component
Front Left Hub
 Fluid
MOBIL MOBILFLUID 424 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

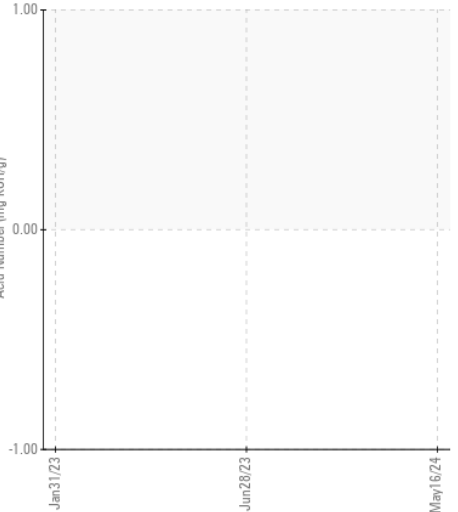
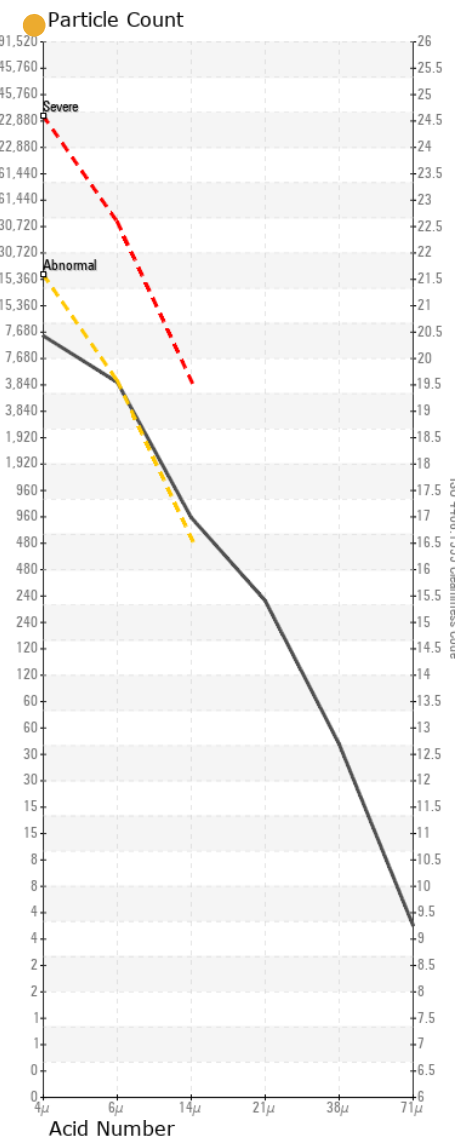
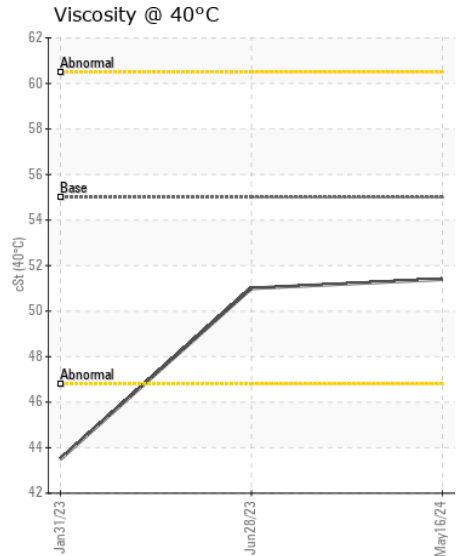
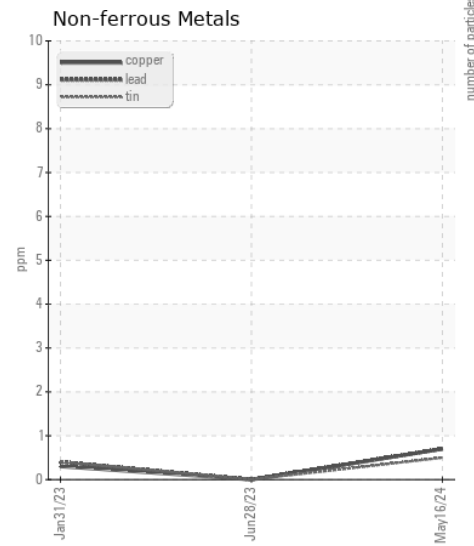
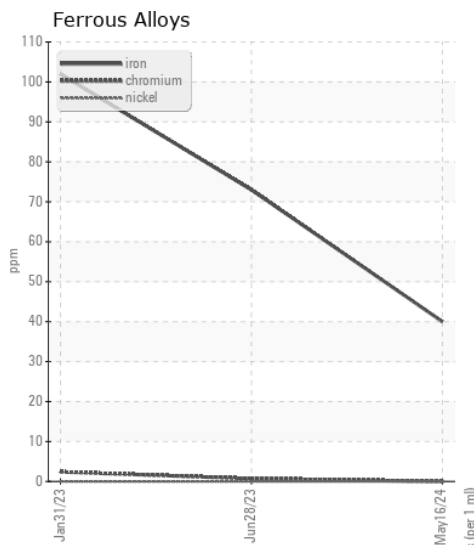
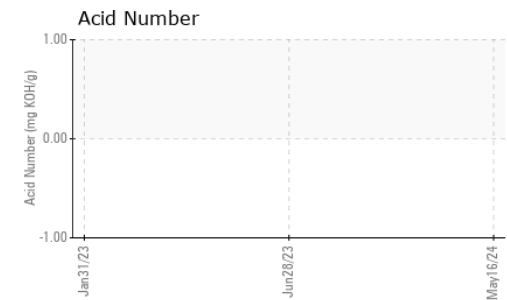
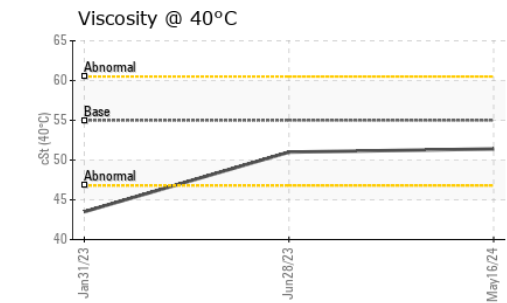
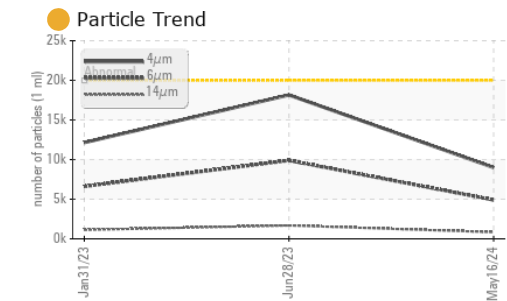
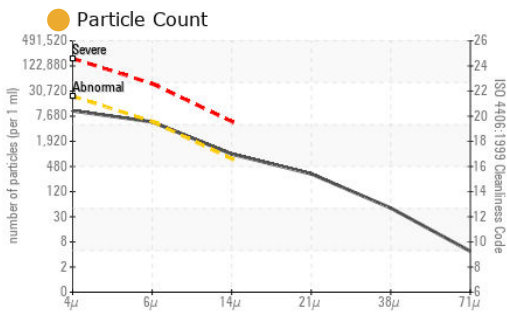
CONTAMINATION

There is a moderate amount of particulates present in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0939397	WC0819017	WC0765045
Sample Date		Client Info		16 May 2024	28 Jun 2023	31 Jan 2023
Machine Age	hrs	Client Info		6387	5888	5348
Oil Age	hrs	Client Info		499	1288	748
Filter Age	hrs	Client Info		499	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				ATTENTION	ABNORMAL	ATTENTION
Iron	ppm	ASTM D5185m	>200	40	73	102
Chromium	ppm	ASTM D5185m	>10	0	<1	2
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m		1	<1	1
Lead	ppm	ASTM D5185m		<1	0	<1
Copper	ppm	ASTM D5185m		<1	0	<1
Tin	ppm	ASTM D5185m		<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m		16	13	14
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Water		WC Method	>0.2	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>20000	8995	18156	12145
Particles >6µm		ASTM D7647	>5000	4900	9891	6616
Particles >14µm		ASTM D7647	>640	834	1683	1126
Particles >21µm		ASTM D7647	>160	281	567	379
Particles >38µm		ASTM D7647	>40	43	88	59
Particles >71µm		ASTM D7647	>10	4	9	6
Oil Cleanliness		ISO 4406 (c)	>21/19/16	20/19/17	21/20/18	21/20/17
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	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	1	2
Boron	ppm	ASTM D5185m		131	106	114
Barium	ppm	ASTM D5185m		0	15	2
Molybdenum	ppm	ASTM D5185m		18	6	5
Manganese	ppm	ASTM D5185m		<1	1	2
Magnesium	ppm	ASTM D5185m		52	61	47
Calcium	ppm	ASTM D5185m		3532	3157	3307
Phosphorus	ppm	ASTM D5185m		1159	1014	1018
Zinc	ppm	ASTM D5185m		1416	1344	1326
Sulfur	ppm	ASTM D5185m		8705	8156	6335
Visc @ 40°C	cSt	ASTM D445	55	51.4	51.0	43.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : WC0939397 Received : 21 May 2024
 Lab Number : 06185999 Tested : 23 May 2024
 Unique Number : 11042751 Diagnosed : 23 May 2024 - Jonathan Hester
 Test Package : CONST (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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