



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 2339
Component
Hydraulic System
Fluid
AW HYDRAULIC OIL ISO 15 (30 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 15. Please confirm.

WEAR

All component wear rates are normal.

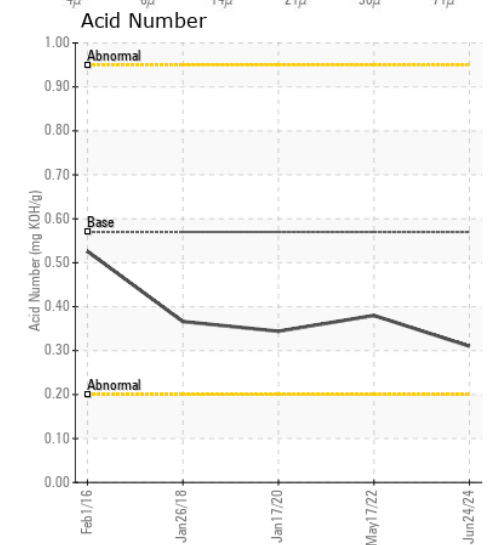
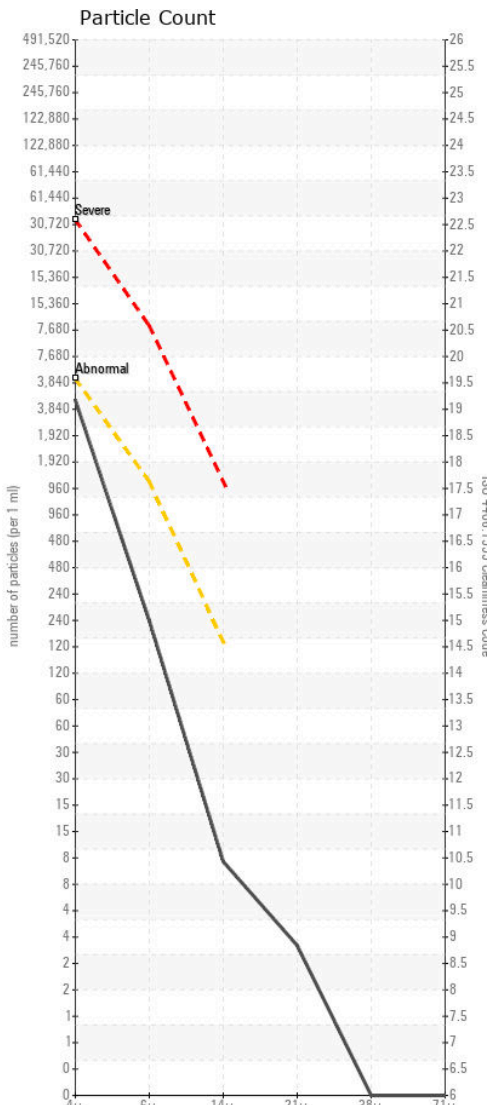
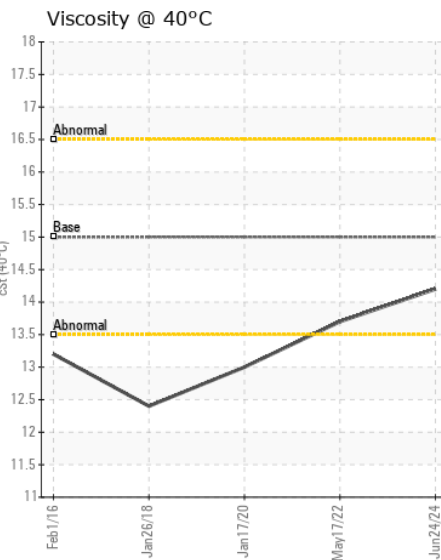
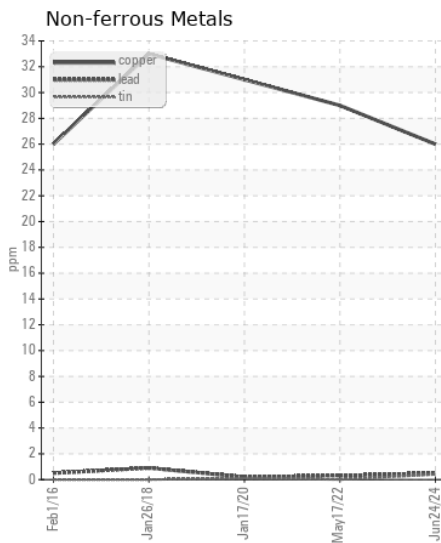
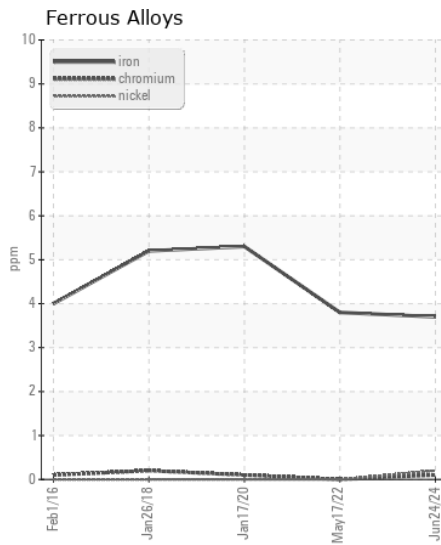
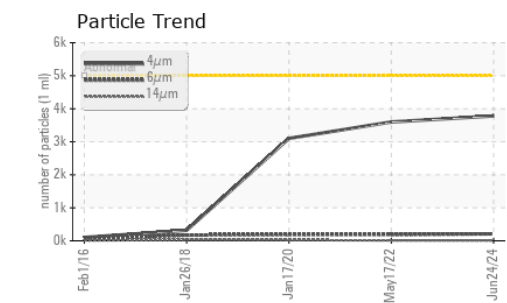
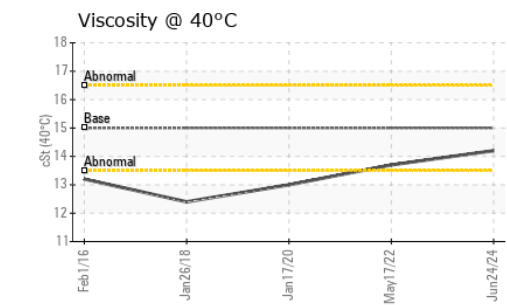
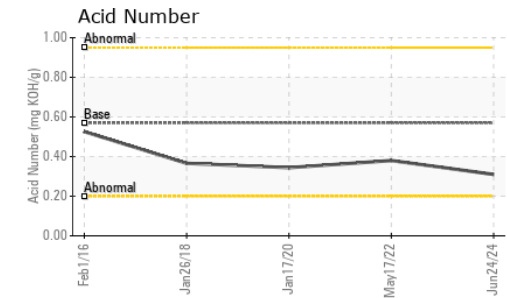
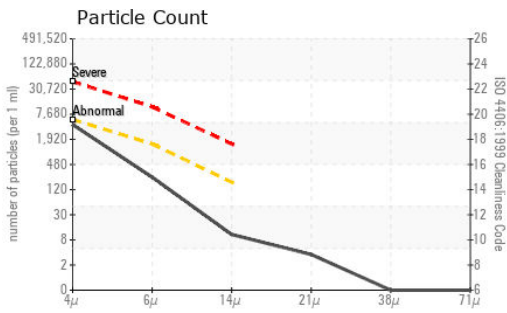
CONTAMINATION

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

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		RW0005644	RW0003715	RW0000465
Sample Date		Client Info		24 Jun 2024	17 May 2022	17 Jan 2020
Machine Age	hrs	Client Info		6456	5836	5051
Oil Age	hrs	Client Info		620	0	1988
Filter Age	hrs	Client Info		620	0	992
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>20	4	4	5
Chromium	ppm	ASTM D5185m	>10	<1	0	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	2	<1
Aluminum	ppm	ASTM D5185m	>10	2	<1	<1
Lead	ppm	ASTM D5185m	>10	<1	<1	<1
Copper	ppm	ASTM D5185m	>75	26	29	31
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	4	<1	1
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	3782	3600	3102
Particles >6µm		ASTM D7647	>1300	211	190	186
Particles >14µm		ASTM D7647	>160	9	11	22
Particles >21µm		ASTM D7647	>40	3	3	8
Particles >38µm		ASTM D7647	>10	0	0	4
Particles >71µm		ASTM D7647	>3	0	0	4
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/15/10	19/15/11	19/15/12
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	0	0
Boron	ppm	ASTM D5185m	5	0	<1	<1
Barium	ppm	ASTM D5185m	5	<1	0	0
Molybdenum	ppm	ASTM D5185m	5	<1	0	<1
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	25	2	0	2
Calcium	ppm	ASTM D5185m	200	50	52	61
Phosphorus	ppm	ASTM D5185m	300	373	378	408
Zinc	ppm	ASTM D5185m	370	396	359	450
Sulfur	ppm	ASTM D5185m	2500	800	750	838
Acid Number (AN)	mg KOH/g	ASTM D8045	0.57	0.31	0.38	0.344
Visc @ 40°C	cSt	ASTM D445	15	14.2	13.7	13.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : RW0005644

Lab Number : 06231472

Unique Number : 11114965

Test Package : MOB 2

Received : 09 Jul 2024

Tested : 10 Jul 2024

Diagnosed : 10 Jul 2024 - Wes Davis

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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)