LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 4 - Fairmont
Machine Id
PRINOTH 935310206
Component
Hydraulic System
Fluid
ATF (140 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

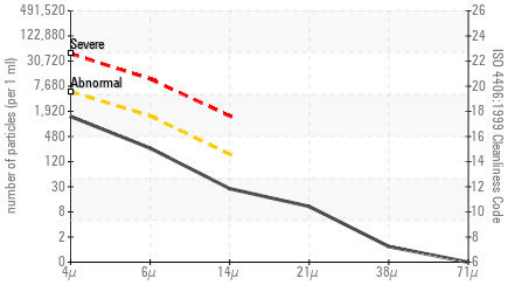
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

FLUID CONDITION

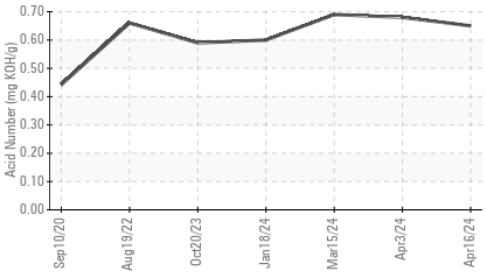
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0020327	LEC0048708	LEC0046741
Sample Date		Client Info		16 Apr 2024	03 Apr 2024	15 Mar 2024
Machine Age	hrs	Client Info		1453	1452	1451
Oil Age	hrs	Client Info		1453	1452	1451
Filter Age	hrs	Client Info		125	124	123
Oil Changed		Client Info		Filtered	Filtered	Not Changd
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				NORMAL	ATTENTION	ATTENTION
PQ		ASTM D8184		15	18	17
Iron	ppm	ASTM D5185m	>20	6	10	10
Chromium	ppm	ASTM D5185m	>10	0	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	2	0
Lead	ppm	ASTM D5185m	>10	2	2	<1
Copper	ppm	ASTM D5185m	>75	4	5	5
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	<1	2	<1
Potassium	ppm	ASTM D5185m	>20	3	<1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	1266	5183	8148
Particles >6µm		ASTM D7647	>1300	222	1883	1706
Particles >14µm		ASTM D7647	>160	24	200	94
Particles >21µm		ASTM D7647	>40	9	56	19
Particles >38µm		ASTM D7647	>10	1	1	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/12	20/18/15	20/18/14
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		3	<1	<1
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		40	41	44
Calcium	ppm	ASTM D5185m		57	50	54
Phosphorus	ppm	ASTM D5185m		551	457	520
Zinc	ppm	ASTM D5185m		617	605	600
Sulfur	ppm	ASTM D5185m		1760	1414	1698
Acid Number (AN)	mg KOH/g	ASTM D8045		0.65	0.68	0.69
Visc @ 40°C	cSt	ASTM D445	35.0	44.3	43.3	40.8

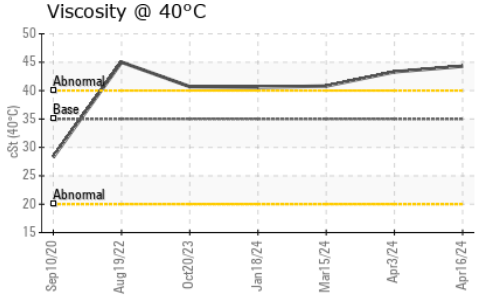
Particle Count



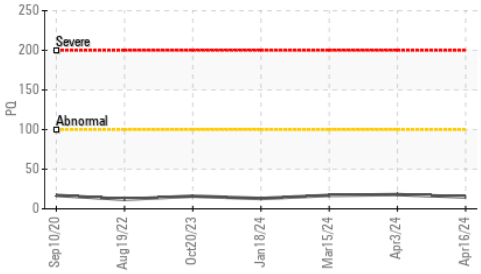
Acid Number



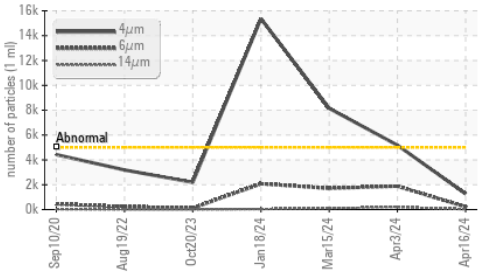
Viscosity @ 40°C



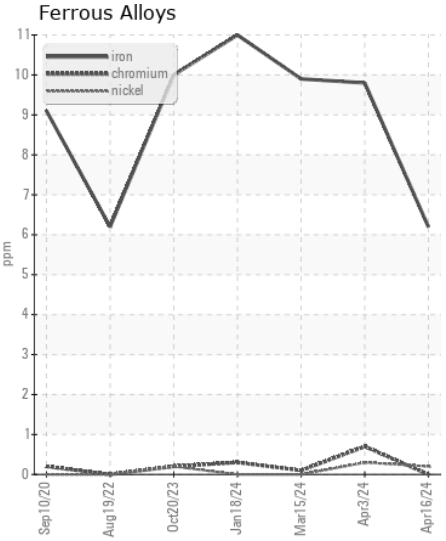
PQ



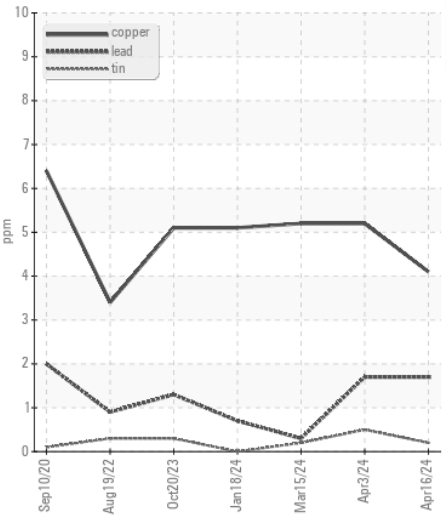
Particle Trend



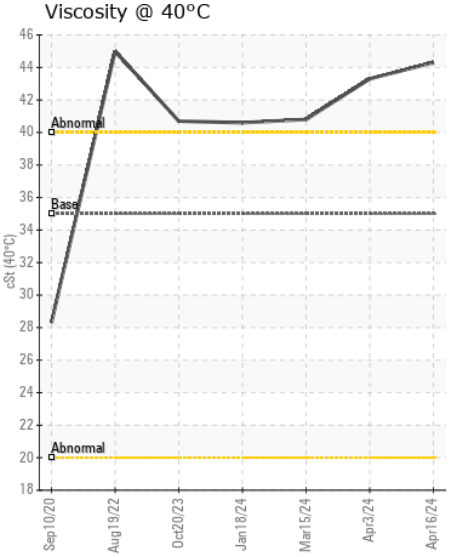
Ferrous Alloys



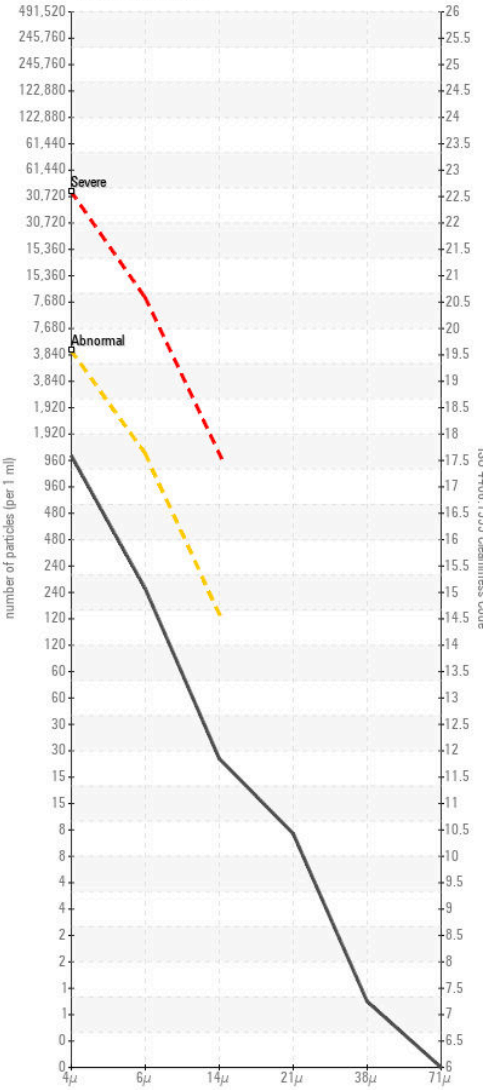
Non-ferrous Metals



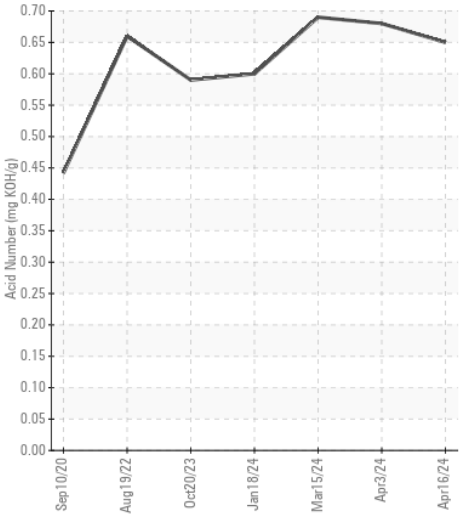
Viscosity @ 40°C



Particle Count



Acid Number



ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: LEC0020327	**Received**	: 19 Apr 2024
Lab Number	: 06154250	**Tested**	: 23 Apr 2024
Unique Number	: 10989673	**Diagnosed**	: 23 Apr 2024 - Don Baldridge
Test Package	: MOBCE (Additional Tests: PQ)		

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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