



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
Store 8 - Pikeville [133224]
Machine Id
PRINOTH T12 935300167
Component
Hydraulic System
Fluid
ATF (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0035836	LEC0016948	LEC0017142
Sample Date		Client Info		03 Nov 2022	17 Mar 2021	14 Dec 2020
Machine Age	hrs	Client Info		1026	907	907
Oil Age	hrs	Client Info		119	907	907
Filter Age	hrs	Client Info		0	907	907
Oil Changed		Client Info		Not Chngd	Changed	Not Chngd
Filter Changed		Client Info		Not Chngd	Changed	Not Chngd
Sample Status				ABNORMAL	ATTENTION	ABNORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		9	18	▲ 112
Iron	ppm	ASTM D5185m	>20	5	<1	▲ 33
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	<1	<1
Aluminum	ppm	ASTM D5185m	>10	<1	0	<1
Lead	ppm	ASTM D5185m	>10	2	<1	7
Copper	ppm	ASTM D5185m	>75	4	<1	7
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

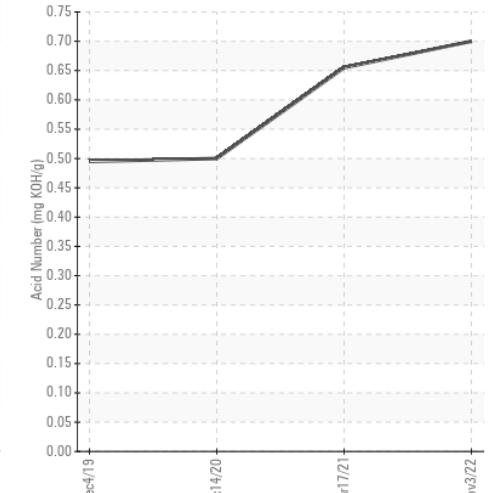
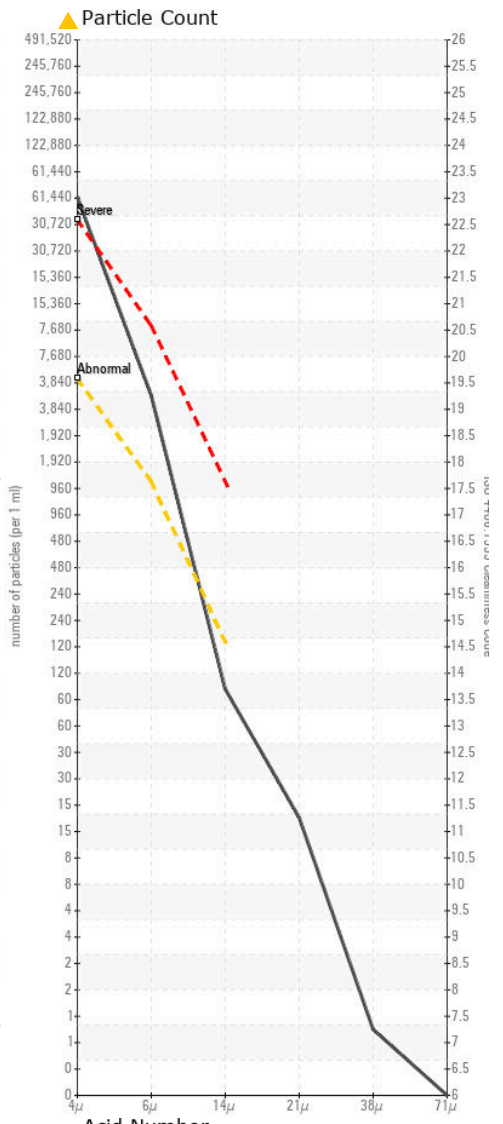
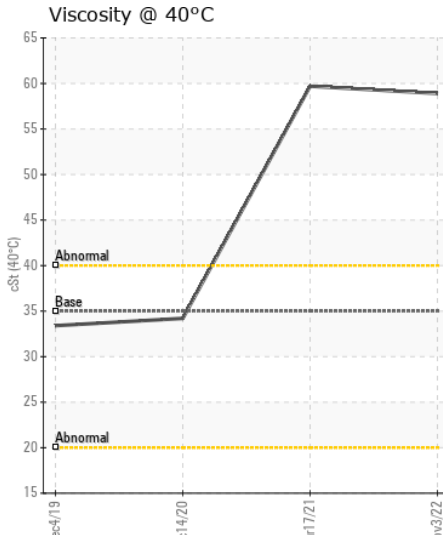
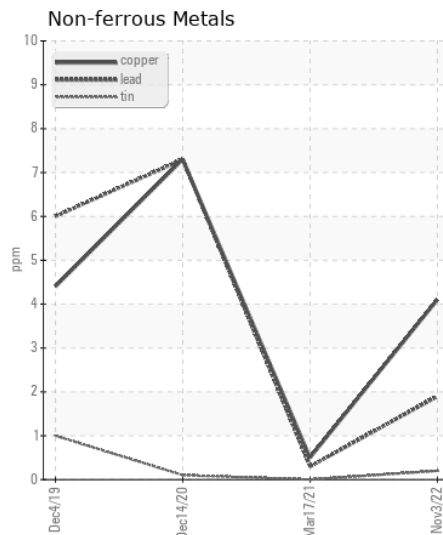
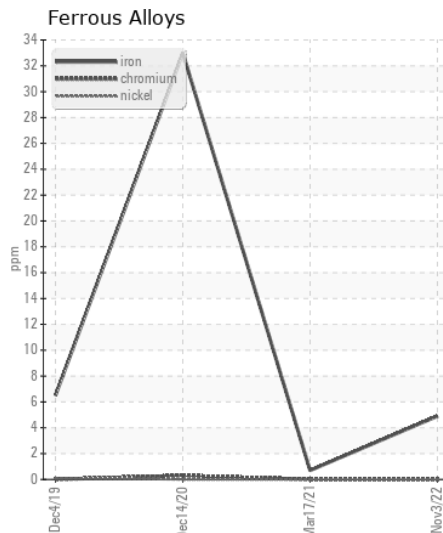
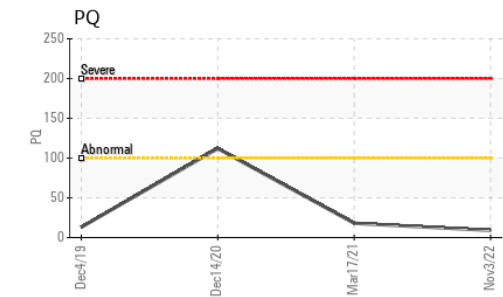
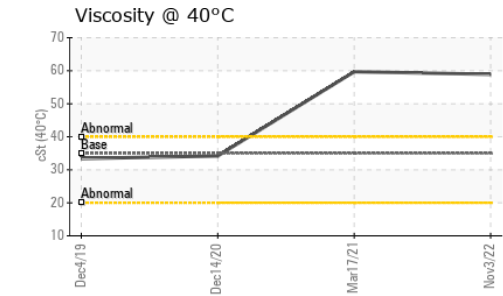
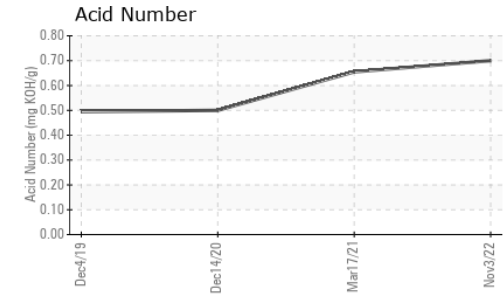
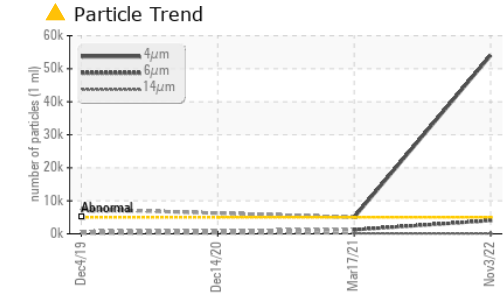
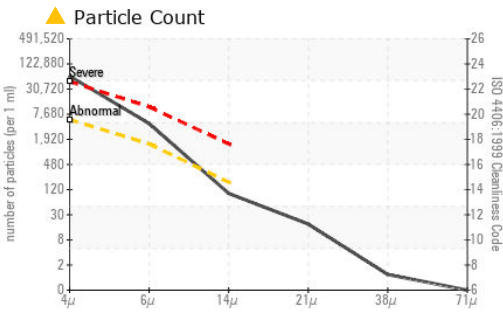
There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Silicon	ppm	ASTM D5185m	>20	<1	<1	3
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	▲ 54008	● 5010	---
Particles >6µm		ASTM D7647	>1300	▲ 4010	1212	---
Particles >14µm		ASTM D7647	>160	86	141	---
Particles >21µm		ASTM D7647	>40	16	51	---
Particles >38µm		ASTM D7647	>10	1	4	---
Particles >71µm		ASTM D7647	>3	0	0	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ 23/19/14	● 20/17/14	---
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	0	<1
Boron	ppm	ASTM D5185m		1	3	19
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	2	<1
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		0	3	78
Calcium	ppm	ASTM D5185m		76	● 85	237
Phosphorus	ppm	ASTM D5185m		551	624	379
Zinc	ppm	ASTM D5185m		727	● 632	396
Sulfur	ppm	ASTM D5185m		1593	1257	1453
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.655	0.500
Visc @ 40°C	cSt	ASTM D445	35.0	● 58.9	● 59.7	34.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0035836 **Received** : 07 Nov 2022
Lab Number : 05686343 **Tested** : 08 Nov 2022
Unique Number : 10205915 **Diagnosed** : 09 Nov 2022 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com

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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