



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 4 - Fairmont [112312]
 Machine Id
PRINOTH T12 935300157
 Component
Left Final Drive
 Fluid
GEAR OIL SAE 80W90 (2 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. 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		LEC0018171	---	---
Sample Date		Client Info		06 Jan 2021	---	---
Machine Age	hrs	Client Info		1411	---	---
Oil Age	hrs	Client Info		1411	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				ABNORMAL	---	---

WEAR

The iron level is abnormal. The lead level is abnormal. All other metal levels are typical for a new component breaking in.

PQ		ASTM D8184		758	---	---
Iron	ppm	ASTM D5185m	>500	▲ 881	---	---
Chromium	ppm	ASTM D5185m	>10	12	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		10	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>25	12	---	---
Lead	ppm	ASTM D5185m	>25	▲ 247	---	---
Copper	ppm	ASTM D5185m	>50	81	---	---
Tin	ppm	ASTM D5185m	>10	3	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	MODER	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

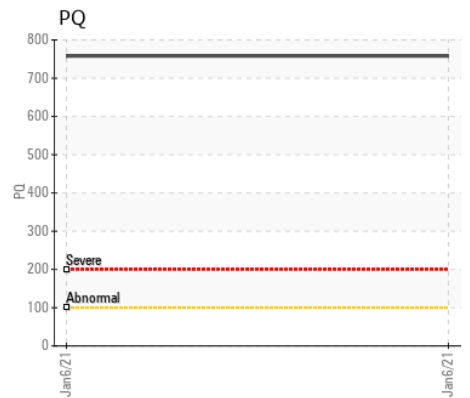
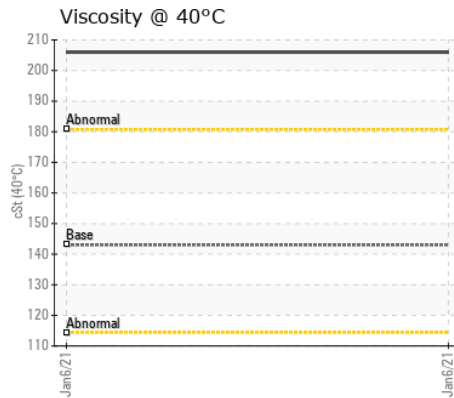
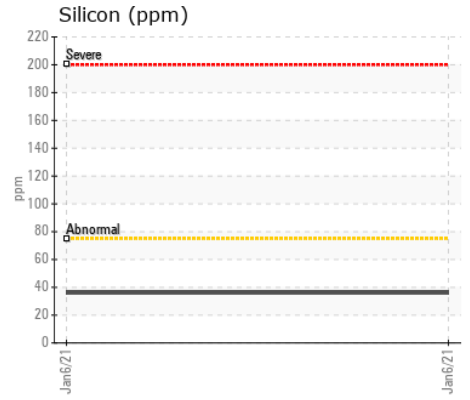
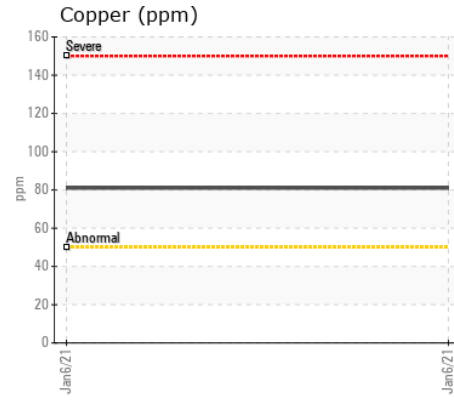
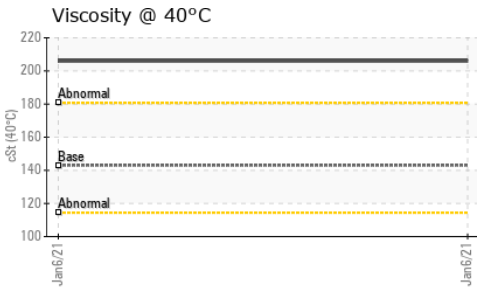
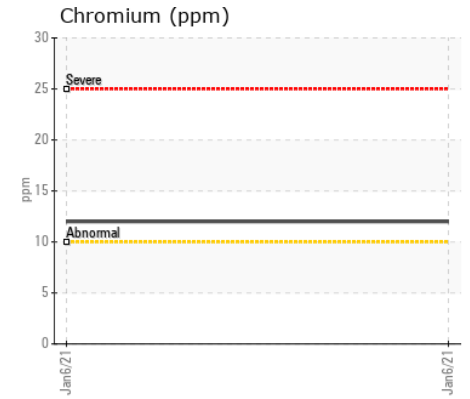
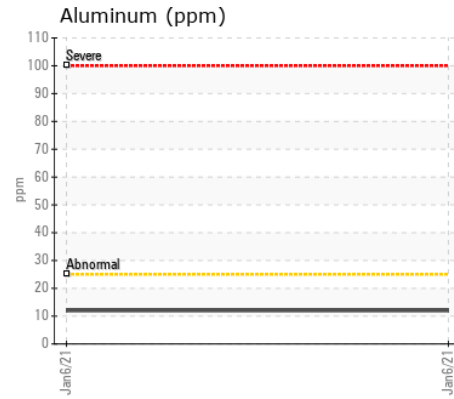
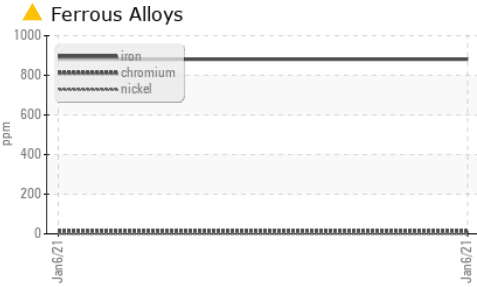
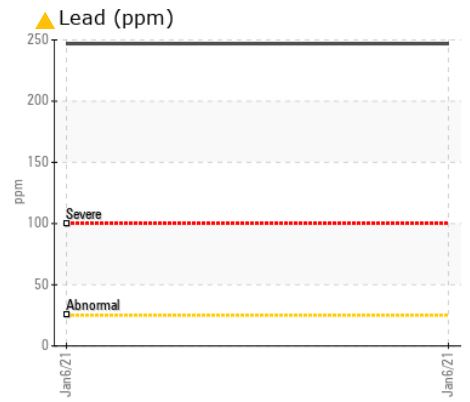
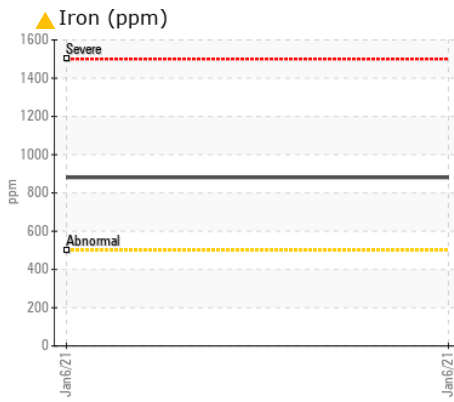
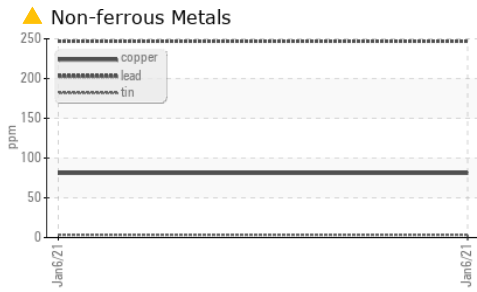
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	36	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>170	14	---	---
Boron	ppm	ASTM D5185m	400	17	---	---
Barium	ppm	ASTM D5185m	200	36	---	---
Molybdenum	ppm	ASTM D5185m	12	2	---	---
Manganese	ppm	ASTM D5185m		7	---	---
Magnesium	ppm	ASTM D5185m	12	6	---	---
Calcium	ppm	ASTM D5185m	150	11	---	---
Phosphorus	ppm	ASTM D5185m	1650	410	---	---
Zinc	ppm	ASTM D5185m	125	32	---	---
Sulfur	ppm	ASTM D5185m	22500	5396	---	---
Visc @ 40°C	cSt	ASTM D445	143	206	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0018171 **Received** : 08 Jan 2021
Lab Number : 05152987 **Tested** : 11 Jan 2021
Unique Number : 9313267 **Diagnosed** : 11 Jan 2021 - Don Baldrige
Test Package : MOBCE (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)

T:
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