



OIL ANALYSIS REPORT

WEAR	SEVERE
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

Store 9 - Marietta [111757]

Machine Id

PRINOTH T12 935300161

Component

Left Travel Hub

Fluid

GEAR OIL (PAO) ISO 220 (10 Oz)

RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0019617	---	---
Sample Date		Client Info		30 Dec 2020	---	---
Machine Age	hrs	Client Info		983	---	---
Oil Age	hrs	Client Info		983	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---

WEAR

Moderate concentration of visible metal present. Gear wear is indicated. Component wear metal level(s) high for break in.

PQ		ASTM D8184		534	---	---
Iron	ppm	ASTM D5185m	>200	▲ 1446	---	---
Chromium	ppm	ASTM D5185m	>10	▲ 18	---	---
Nickel	ppm	ASTM D5185m	>10	2	---	---
Titanium	ppm	ASTM D5185m		2	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m		9	---	---
Lead	ppm	ASTM D5185m		<1	---	---
Copper	ppm	ASTM D5185m		2	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	▲ MODER	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

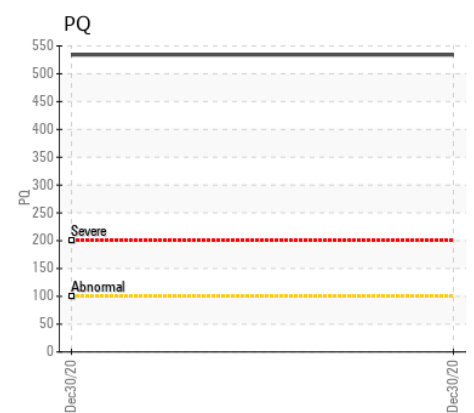
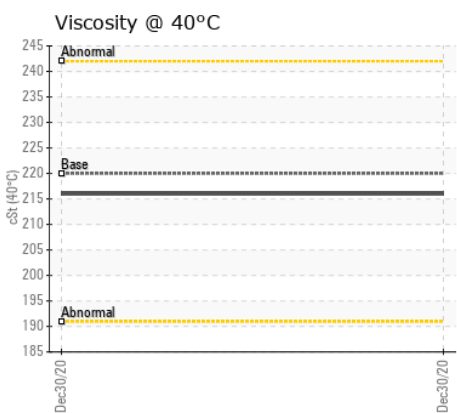
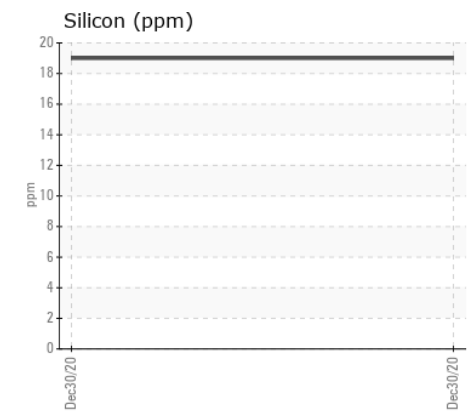
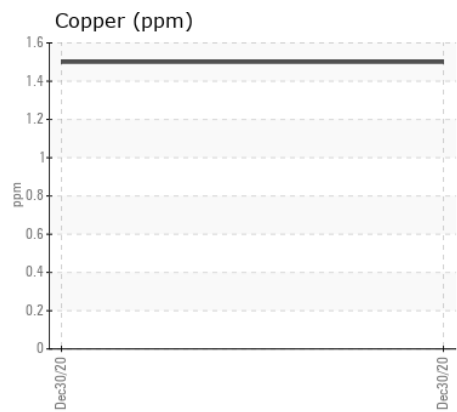
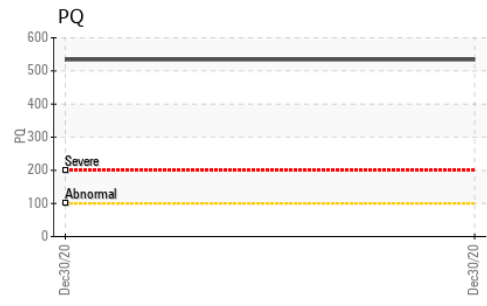
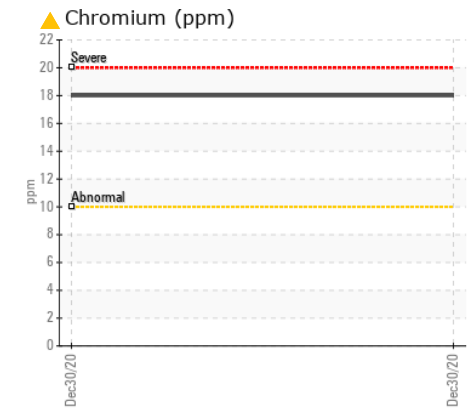
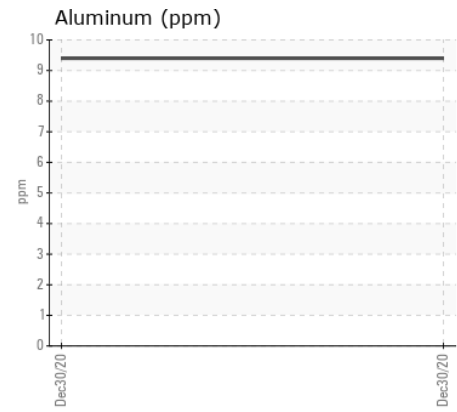
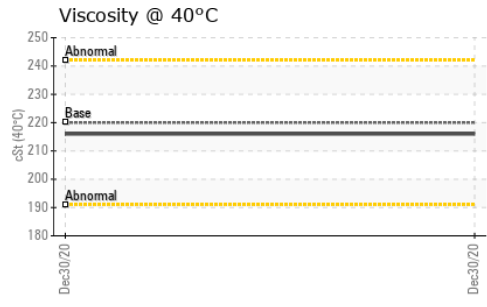
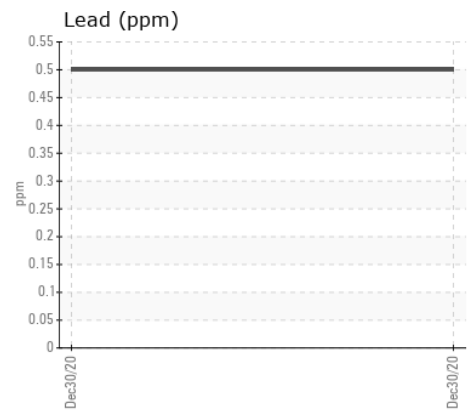
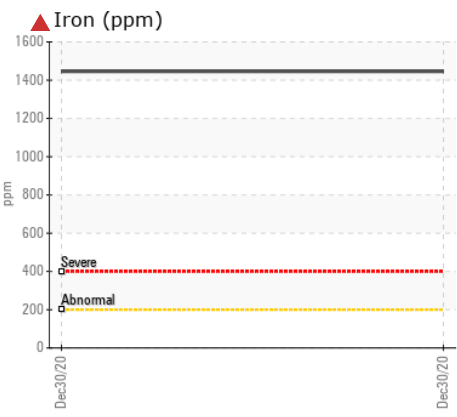
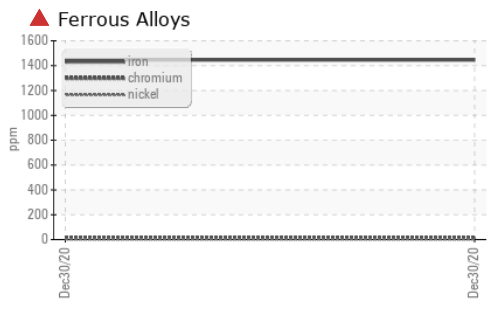
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		19	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
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		14	---	---
Boron	ppm	ASTM D5185m	25	34	---	---
Barium	ppm	ASTM D5185m	12	1	---	---
Molybdenum	ppm	ASTM D5185m	5	2	---	---
Manganese	ppm	ASTM D5185m		14	---	---
Magnesium	ppm	ASTM D5185m	25	<1	---	---
Calcium	ppm	ASTM D5185m	25	28	---	---
Phosphorus	ppm	ASTM D5185m	375	433	---	---
Zinc	ppm	ASTM D5185m	25	193	---	---
Sulfur	ppm	ASTM D5185m	4900	5229	---	---
Visc @ 40°C	cSt	ASTM D445	220	216	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0019617 **Received** : 05 Jan 2021
Lab Number : **05149787** **Tested** : 06 Jan 2021
Unique Number : 9310067 **Diagnosed** : 06 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
 T:
 F: (740)373-5570

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)