



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 2 - Beaver [RO#149656]
 Machine Id
PRINOTH T12 935300205
 Component
Right Propel Gearbox
 Fluid
GEAR OIL ISO 220 (1 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0048891	---	---
Sample Date		Client Info		10 Apr 2024	---	---
Machine Age	hrs	Client Info		607	---	---
Oil Age	hrs	Client Info		607	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

Bearing and/or bushing wear is indicated.

PQ		ASTM D8184		173	---	---
Iron	ppm	ASTM D5185m	>200	369	---	---
Chromium	ppm	ASTM D5185m	>10	6	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		2	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		7	---	---
Lead	ppm	ASTM D5185m		▲ 357	---	---
Copper	ppm	ASTM D5185m		▲ 53	---	---
Tin	ppm	ASTM D5185m		3	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

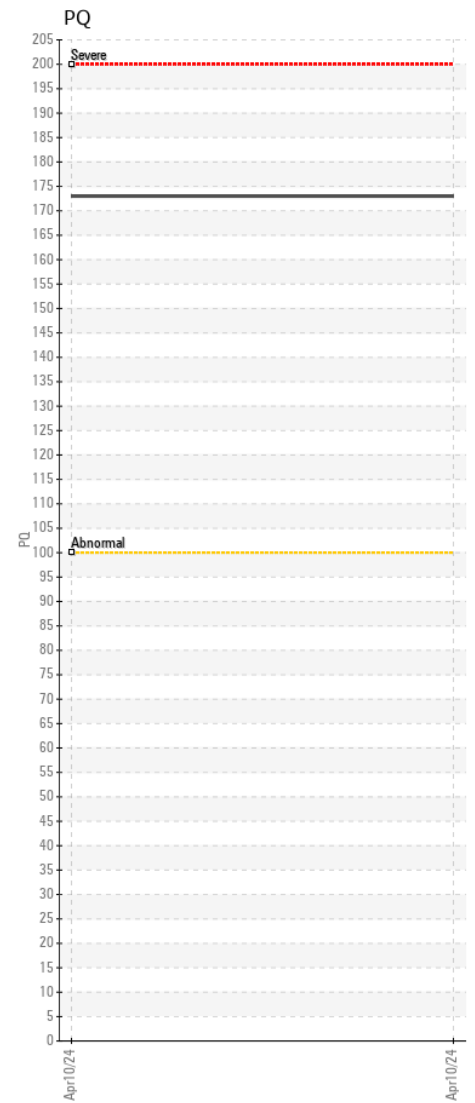
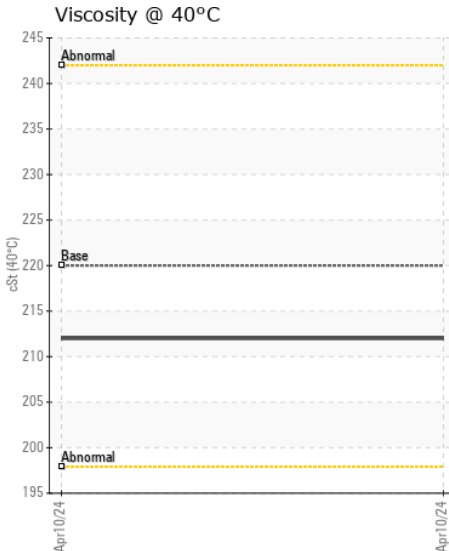
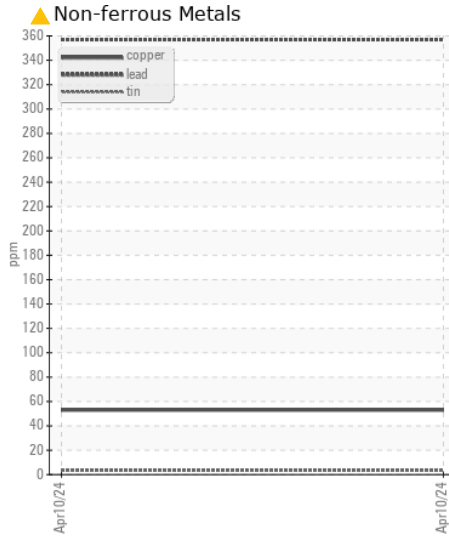
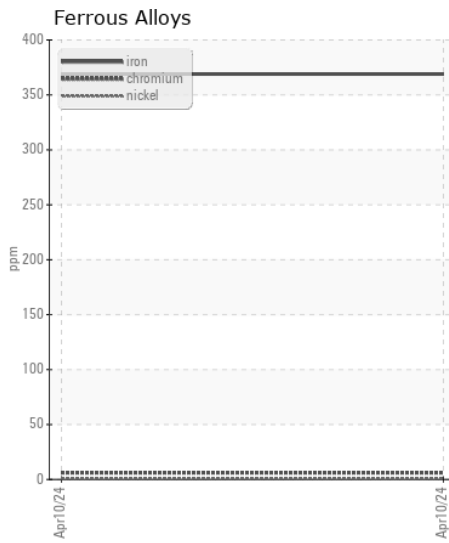
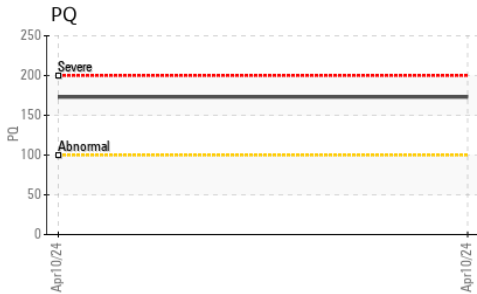
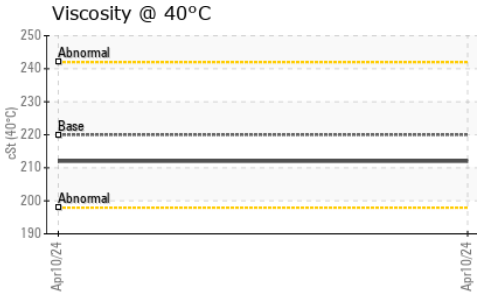
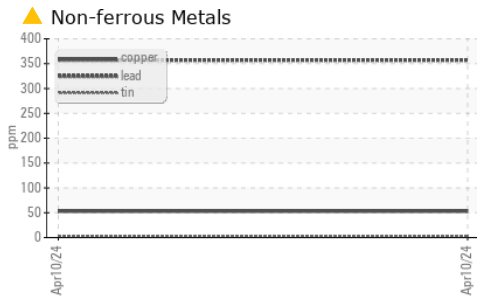
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		27	---	---
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		21	---	---
Boron	ppm	ASTM D5185m	50	20	---	---
Barium	ppm	ASTM D5185m	15	71	---	---
Molybdenum	ppm	ASTM D5185m	15	<1	---	---
Manganese	ppm	ASTM D5185m		7	---	---
Magnesium	ppm	ASTM D5185m	50	8	---	---
Calcium	ppm	ASTM D5185m	50	37	---	---
Phosphorus	ppm	ASTM D5185m	350	587	---	---
Zinc	ppm	ASTM D5185m	100	47	---	---
Sulfur	ppm	ASTM D5185m	12500	8629	---	---
Visc @ 40°C	cSt	ASTM D445	220	212	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0048891 **Received** : 15 Apr 2024
Lab Number : **06149687** **Tested** : 16 Apr 2024
Unique Number : 10979765 **Diagnosed** : 18 Apr 2024 - Jonathan Hester
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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