



OIL ANALYSIS REPORT

WEAR	<b>MARGINAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**Store 2 - Beaver [RO#129979]**

Machine Id  
**PRINOTH T12 935300215**

Component  
**Right Propel Gearbox**

Fluid  
**GEAR OIL (PAO) ISO 220 (17 Oz)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0033367	---	---
Sample Date		Client Info		15 Jul 2022	---	---
Machine Age	hrs	Client Info		330	---	---
Oil Age	hrs	Client Info		330	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				MARGINAL	---	---

**WEAR**

Metal levels are typical for a new component breaking in.

PQ		ASTM D8184		147	---	---
Iron	ppm	ASTM D5185m	>200	▲ 248	---	---
Chromium	ppm	ASTM D5185m	>10	4	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		2	---	---
Lead	ppm	ASTM D5185m		▲ 183	---	---
Copper	ppm	ASTM D5185m		31	---	---
Tin	ppm	ASTM D5185m		2	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

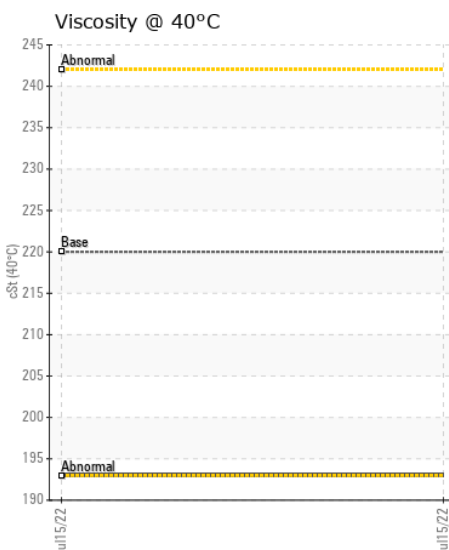
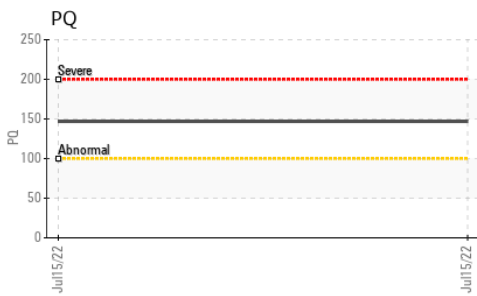
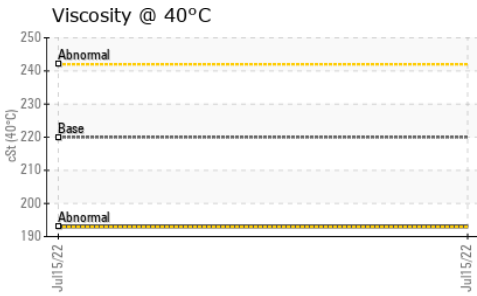
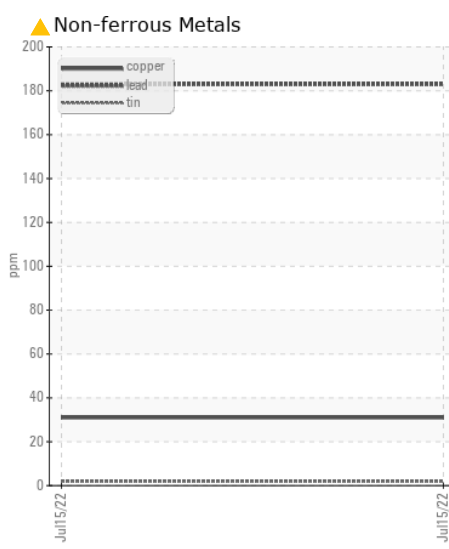
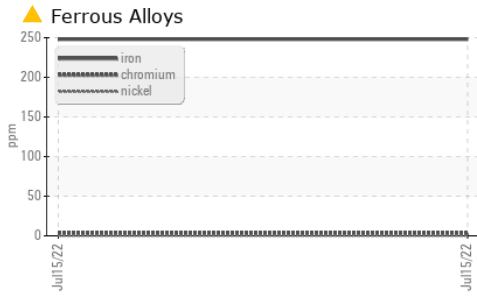
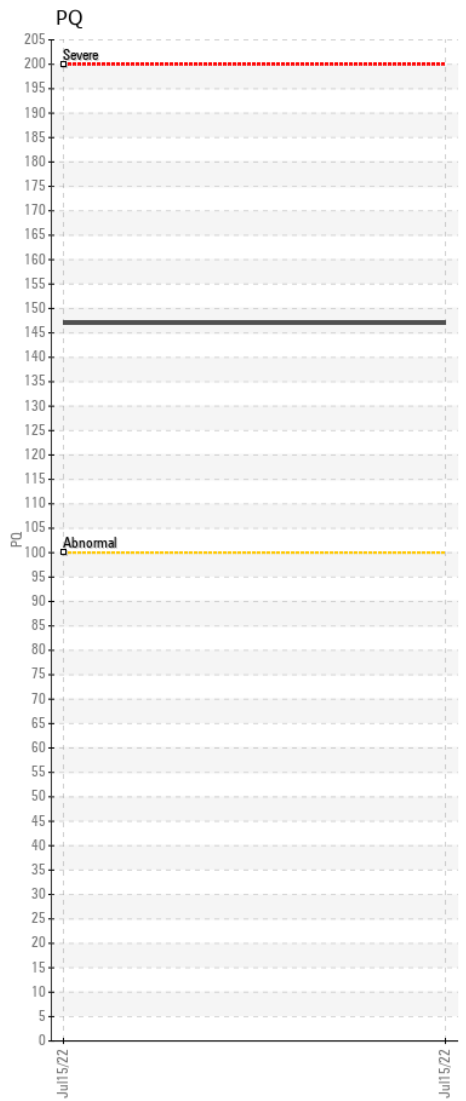
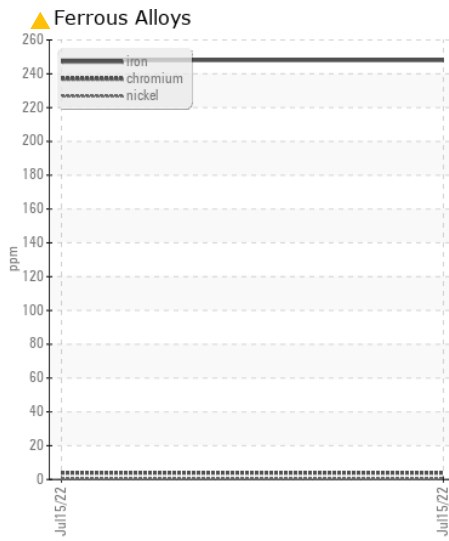
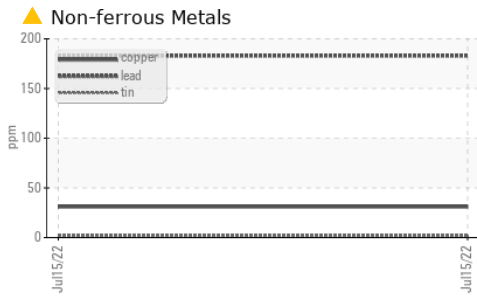
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		6	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
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		8	---	---
Boron	ppm	ASTM D5185m	25	12	---	---
Barium	ppm	ASTM D5185m	12	27	---	---
Molybdenum	ppm	ASTM D5185m	5	<1	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m	25	6	---	---
Calcium	ppm	ASTM D5185m	25	11	---	---
Phosphorus	ppm	ASTM D5185m	375	365	---	---
Zinc	ppm	ASTM D5185m	25	24	---	---
Sulfur	ppm	ASTM D5185m	4900	7469	---	---
Visc @ 40°C	cSt	ASTM D445	220	193	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0033367 **Received** : 20 Jul 2022  
**Lab Number** : 05596225 **Tested** : 21 Jul 2022  
**Unique Number** : 10060705 **Diagnosed** : 21 Jul 2022 - Angela Borella  
**Test Package** : CONST ( 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)