



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 8 - Pikeville
Machine Id
PRINOTH T14R 935310213
Component
Pump Drive
Fluid
GEAR OIL SAE 75W90 (0 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0025192	LEC0019472	---
Sample Date		Client Info		27 Sep 2021	31 Mar 2021	---
Machine Age	hrs	Client Info		959	620	---
Oil Age	hrs	Client Info		339	620	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		None	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		22	12	---
Iron	ppm	ASTM D5185m	>500	71	56	---
Chromium	ppm	ASTM D5185m	>15	<1	<1	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>20	3	1	---
Lead	ppm	ASTM D5185m		<1	0	---
Copper	ppm	ASTM D5185m	>35	<1	<1	---
Tin	ppm	ASTM D5185m	>4	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	VLITE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

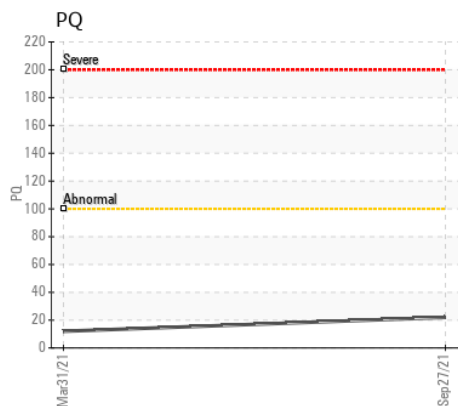
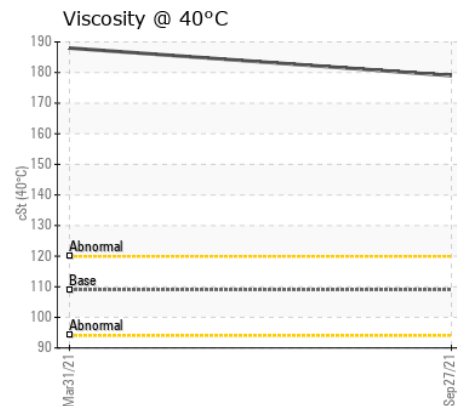
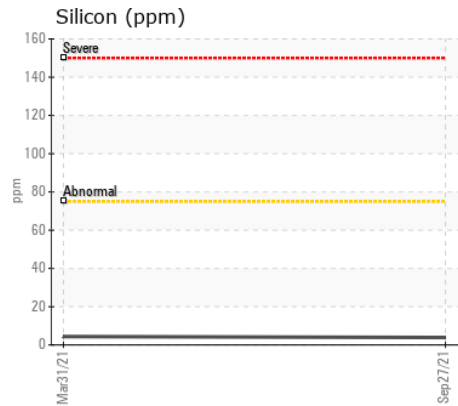
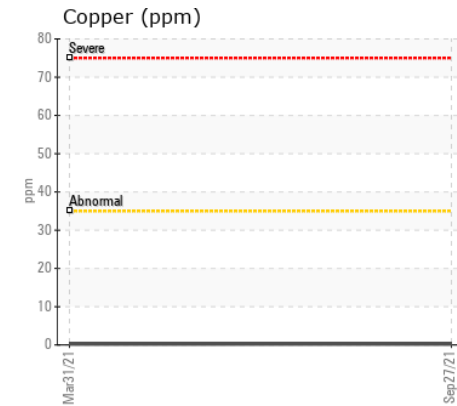
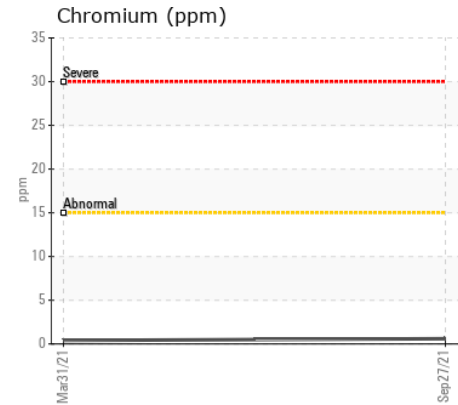
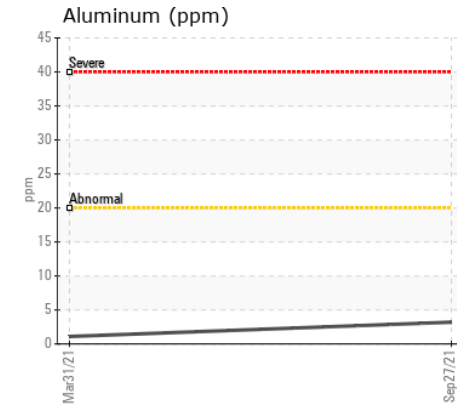
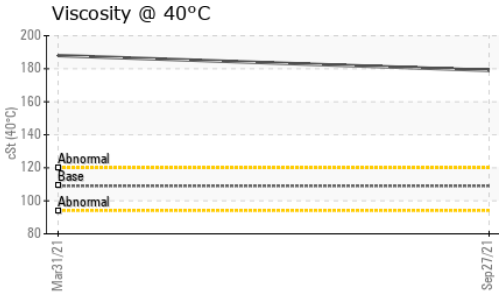
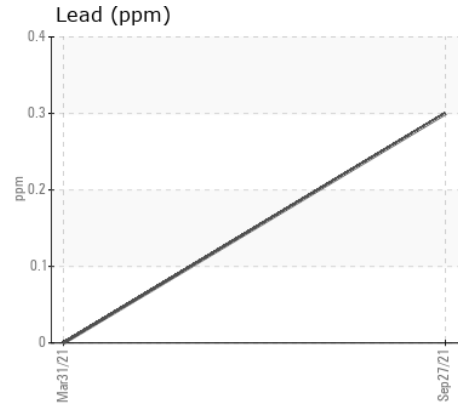
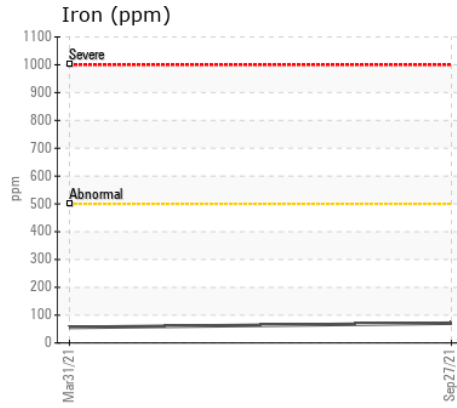
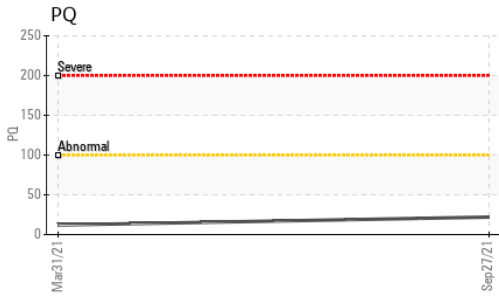
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	4	4	---
Potassium	ppm	ASTM D5185m	>20	2	8	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		5	7	---
Boron	ppm	ASTM D5185m	400	6	5	---
Barium	ppm	ASTM D5185m	200	6	4	---
Molybdenum	ppm	ASTM D5185m	12	<1	0	---
Manganese	ppm	ASTM D5185m		3	2	---
Magnesium	ppm	ASTM D5185m	12	9	6	---
Calcium	ppm	ASTM D5185m	150	85	30	---
Phosphorus	ppm	ASTM D5185m	1650	369	357	---
Zinc	ppm	ASTM D5185m	125	64	40	---
Sulfur	ppm	ASTM D5185m	22500	4500	4371	---
Visc @ 40°C	cSt	ASTM D445	109	179	188	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0025192 **Received** : 30 Sep 2021
Lab Number : 05363234 **Diagnosed** : 01 Oct 2021
Unique Number : 9682340 **Diagnostician** : Don Baldrige
Test Package : MOBCE (Additional Tests: PQ)

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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)