



# OIL ANALYSIS REPORT

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

Area  
**Store 8 - Pikeville [146422]**  
Machine Id  
**PRINOTH T14R 935310213**  
Component  
**Pump Drive**  
Fluid  
**GEAR OIL SAE 75W90 (0 GAL)**

## RECOMMENDATION

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

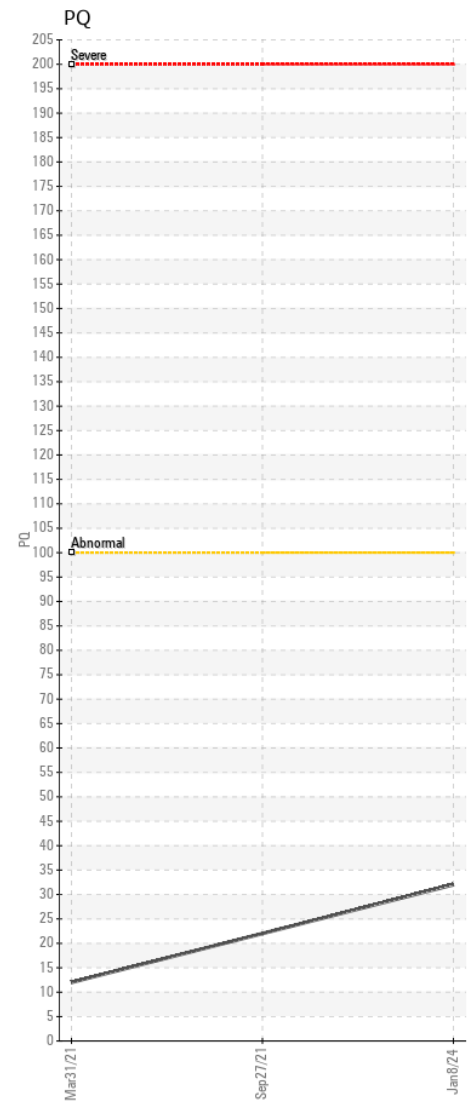
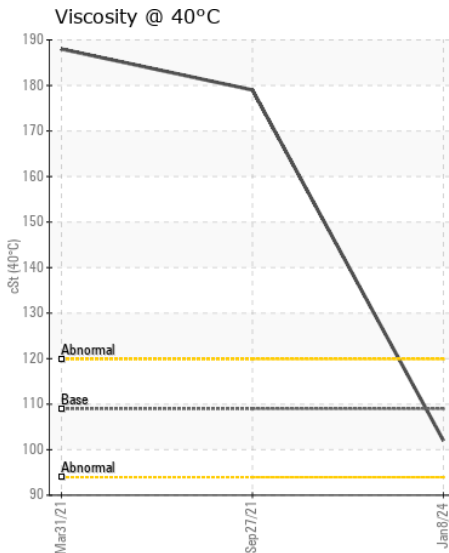
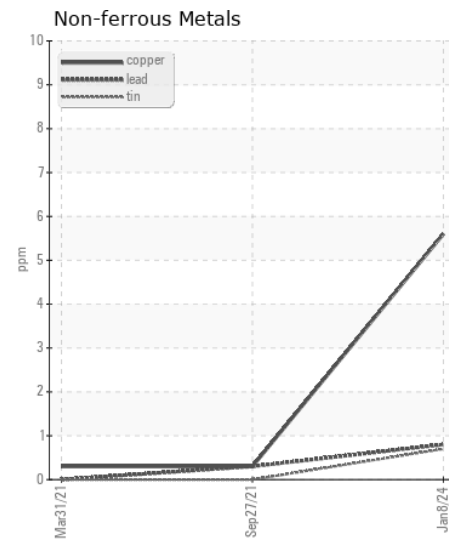
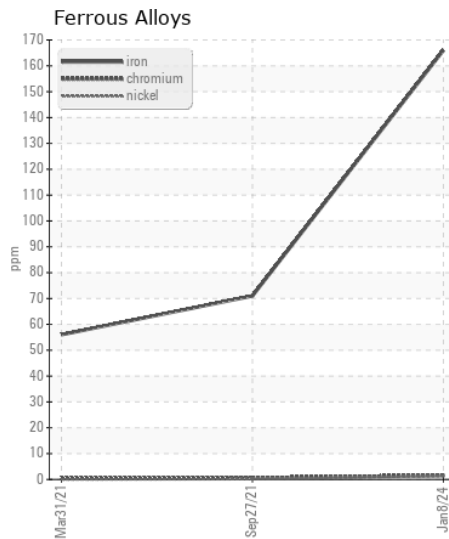
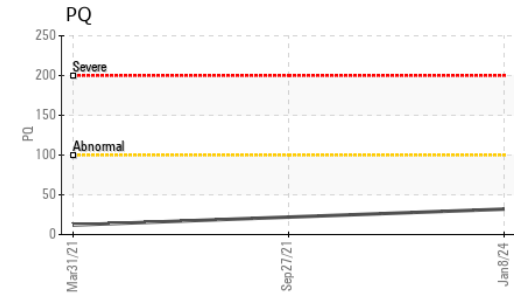
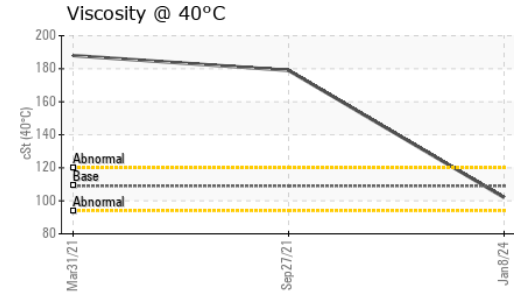
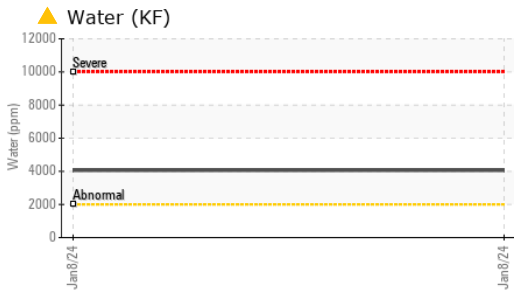
## CONTAMINATION

There is a moderate concentration of water present in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0042691</b>	LEC0025192	LEC0019472
Sample Date		Client Info		<b>08 Jan 2024</b>	27 Sep 2021	31 Mar 2021
Machine Age	hrs	Client Info		<b>1800</b>	959	620
Oil Age	hrs	Client Info		<b>841</b>	339	620
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
PQ		ASTM D8184		<b>32</b>	22	12
Iron	ppm	ASTM D5185m	>500	<b>166</b>	71	56
Chromium	ppm	ASTM D5185m	>15	<b>2</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	>20	<b>8</b>	3	1
Lead	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>35	<b>6</b>	<1	<1
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	VLITE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	<b>21</b>	4	4
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	2	8
Water	%	ASTM D6304	>0.2	<b>▲ 0.406</b>	---	---
ppm Water	ppm	ASTM D6304	>2000	<b>▲ 4060</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>▲ HAZY</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>▲ 0.2%</b>	NEG	NEG
Sodium	ppm	ASTM D5185m		<b>3</b>	5	7
Boron	ppm	ASTM D5185m	400	<b>0</b>	6	5
Barium	ppm	ASTM D5185m	200	<b>0</b>	6	4
Molybdenum	ppm	ASTM D5185m	12	<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m		<b>4</b>	3	2
Magnesium	ppm	ASTM D5185m	12	<b>19</b>	9	6
Calcium	ppm	ASTM D5185m	150	<b>23</b>	85	30
Phosphorus	ppm	ASTM D5185m	1650	<b>350</b>	369	357
Zinc	ppm	ASTM D5185m	125	<b>141</b>	64	40
Sulfur	ppm	ASTM D5185m	22500	<b>15827</b>	4500	4371
Visc @ 40°C	cSt	ASTM D445	109	<b>102</b>	179	188



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0042691 **Received** : 11 Jan 2024  
**Lab Number** : 06058354 **Diagnosed** : 14 Jan 2024  
**Unique Number** : 10829736 **Diagnostician** : Don Baldrige  
**Test Package** : CONST ( Additional Tests: KF, PQ )

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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