



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 8 - Pikeville [133225]
 Machine Id
PRINOTH T12 935300138
 Component
Pump Drive
 Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0035912	LEC0032566	LECP193778
Sample Date		Client Info		03 Nov 2022	22 Jul 2022	29 Jan 2019
Machine Age	hrs	Client Info		1294	1181	536
Oil Age	hrs	Client Info		1294	1181	536
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		31	38	18
Iron	ppm	ASTM D5185m	>500	211	174	38
Chromium	ppm	ASTM D5185m	>15	2	2	<1
Nickel	ppm	ASTM D5185m		0	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	6	0
Aluminum	ppm	ASTM D5185m	>20	4	0	<1
Lead	ppm	ASTM D5185m		<1	<1	0
Copper	ppm	ASTM D5185m	>35	<1	1	<1
Tin	ppm	ASTM D5185m	>4	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

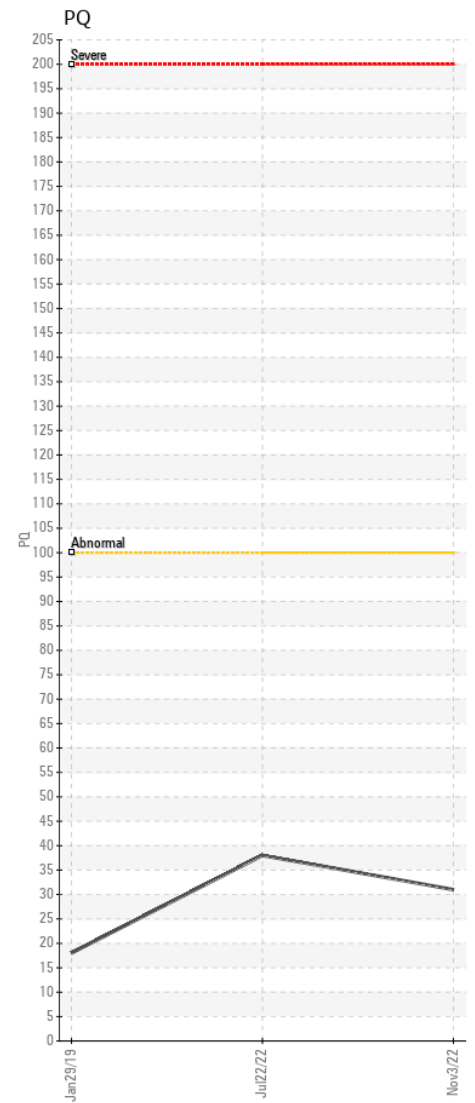
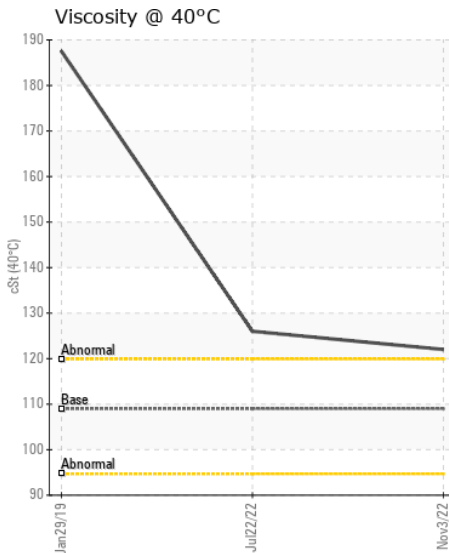
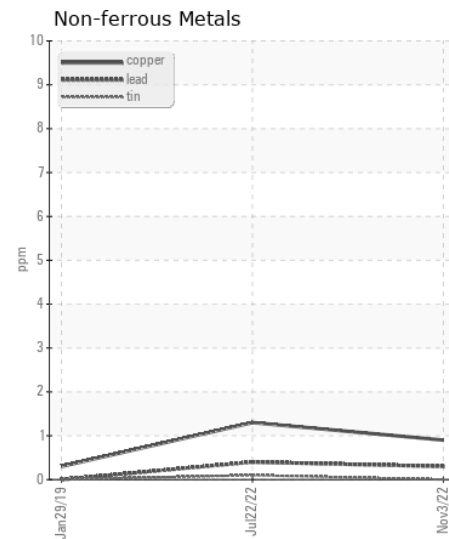
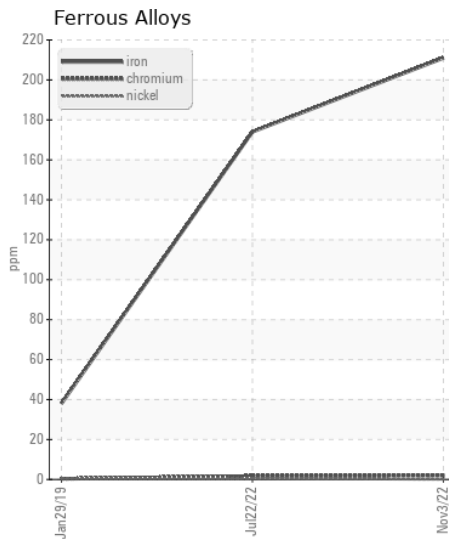
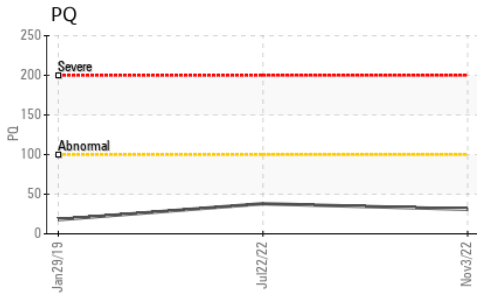
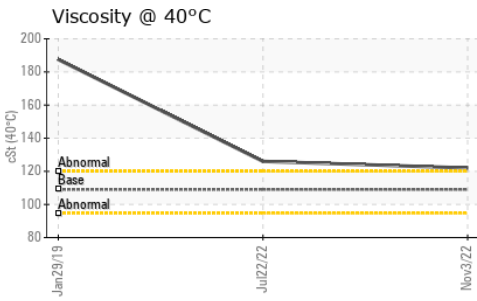
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	11	11	1
Potassium	ppm	ASTM D5185m	>20	3	1	0
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		5	7	4
Boron	ppm	ASTM D5185m	400	4	9	2
Barium	ppm	ASTM D5185m	200	4	3	5
Molybdenum	ppm	ASTM D5185m	12	2	2	<1
Manganese	ppm	ASTM D5185m		7	6	3
Magnesium	ppm	ASTM D5185m	12	13	12	5
Calcium	ppm	ASTM D5185m	150	105	94	26
Phosphorus	ppm	ASTM D5185m	1650	322	331	325
Zinc	ppm	ASTM D5185m	125	143	132	78
Sulfur	ppm	ASTM D5185m	22500	18495	19097	4300
Visc @ 40°C	cSt	ASTM D445	109	122	126	187.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0035912 **Received** : 07 Nov 2022
Lab Number : 05686629 **Diagnosed** : 08 Nov 2022
Unique Number : 10206201 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: 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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