



OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 8 - Pikeville [152287]
Machine Id
PRIME TECH PT-175 PT-175-00870
Component
Left Final Drive
Fluid
GEAR OIL SAE 75W90 (3 QTS)

RECOMMENDATION

No corrective action is recommended at this time. 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		LEC0049143	---	---
Sample Date		Client Info		11 Jul 2024	---	---
Machine Age	hrs	Client Info		365	---	---
Oil Age	hrs	Client Info		365	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

WEAR

Bearing and/or gear wear is indicated.

PQ		ASTM D8184		72	---	---
Iron	ppm	ASTM D5185m	>500	▲ 515	---	---
Chromium	ppm	ASTM D5185m	>10	6	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>25	▲ 26	---	---
Copper	ppm	ASTM D5185m	>50	35	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
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.

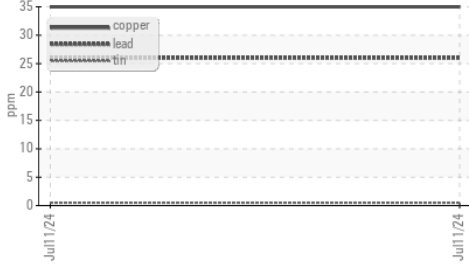
Silicon	ppm	ASTM D5185m	>75	7	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	LIGHT	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---

FLUID CONDITION

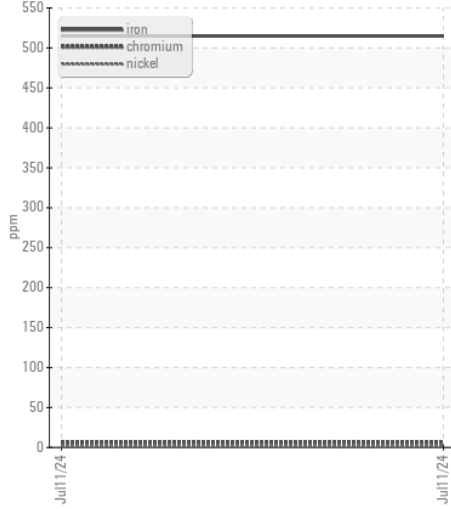
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		6	---	---
Boron	ppm	ASTM D5185m	400	426	---	---
Barium	ppm	ASTM D5185m	200	24	---	---
Molybdenum	ppm	ASTM D5185m	12	<1	---	---
Manganese	ppm	ASTM D5185m		6	---	---
Magnesium	ppm	ASTM D5185m	12	768	---	---
Calcium	ppm	ASTM D5185m	150	82	---	---
Phosphorus	ppm	ASTM D5185m	1650	1581	---	---
Zinc	ppm	ASTM D5185m	125	62	---	---
Sulfur	ppm	ASTM D5185m	22500	20381	---	---
Visc @ 40°C	cSt	ASTM D445	109	137	---	---

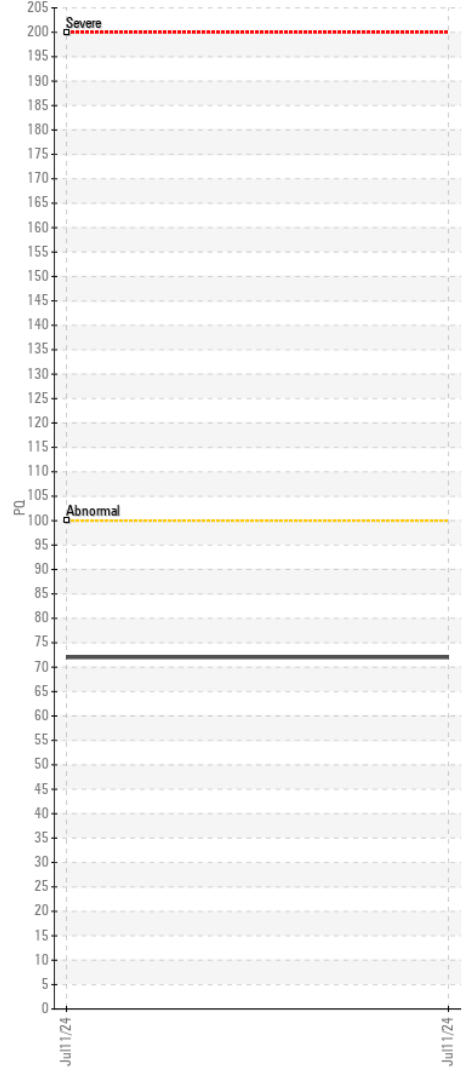
▲ Non-ferrous Metals



▲ Ferrous Alloys



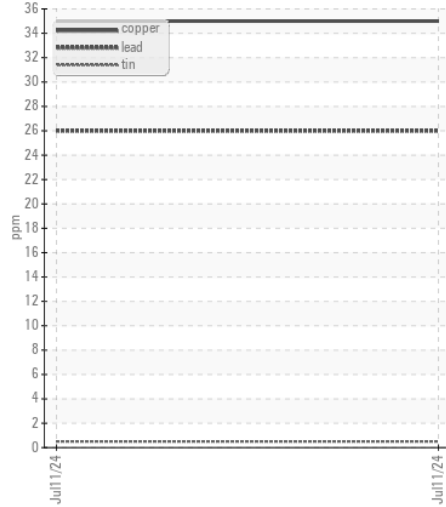
PQ



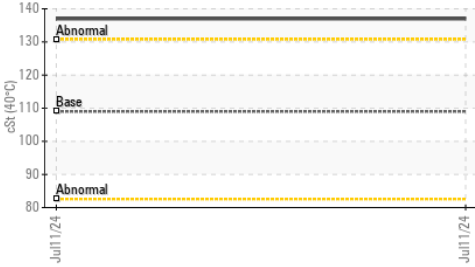
▲ Ferrous Alloys



▲ Non-ferrous Metals



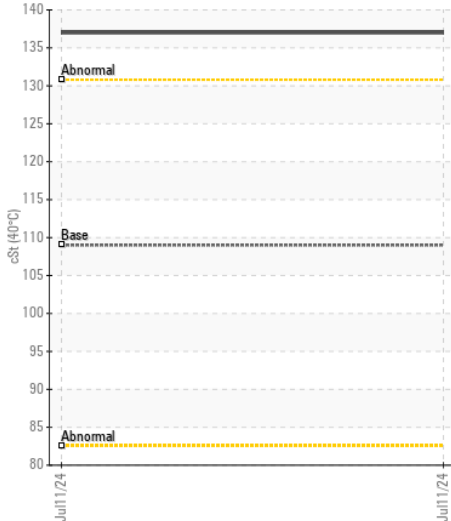
Viscosity @ 40°C



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0049143 **Received** : 15 Jul 2024
Lab Number : 06236444 **Tested** : 16 Jul 2024
Unique Number : 11125278 **Diagnosed** : 17 Jul 2024 - Sean Felton
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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