



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 1 - Cowen [146875]
 Machine Id
JOHN DEERE 624P 1DW624PACMLZ13219
 Component
Brake
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (10 Oz)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0040519	LEC0036929	LEC0030127
Sample Date		Client Info		08 Feb 2024	20 Mar 2023	25 Aug 2022
Machine Age	hrs	Client Info		3146	2019	1012
Oil Age	hrs	Client Info		1127	1007	1012
Filter Age	hrs	Client Info		1127	2019	1012
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		36	41	63
Iron	ppm	ASTM D5185m	>350	79	121	124
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		<1	4	7
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	1	2	2
Lead	ppm	ASTM D5185m	>10	2	6	10
Copper	ppm	ASTM D5185m	>150	1	2	4
Tin	ppm	ASTM D5185m	>5	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

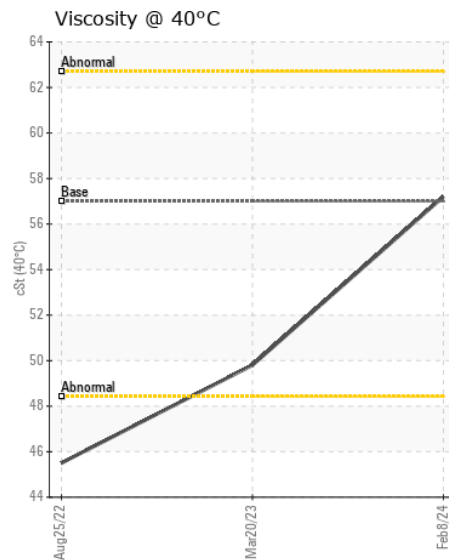
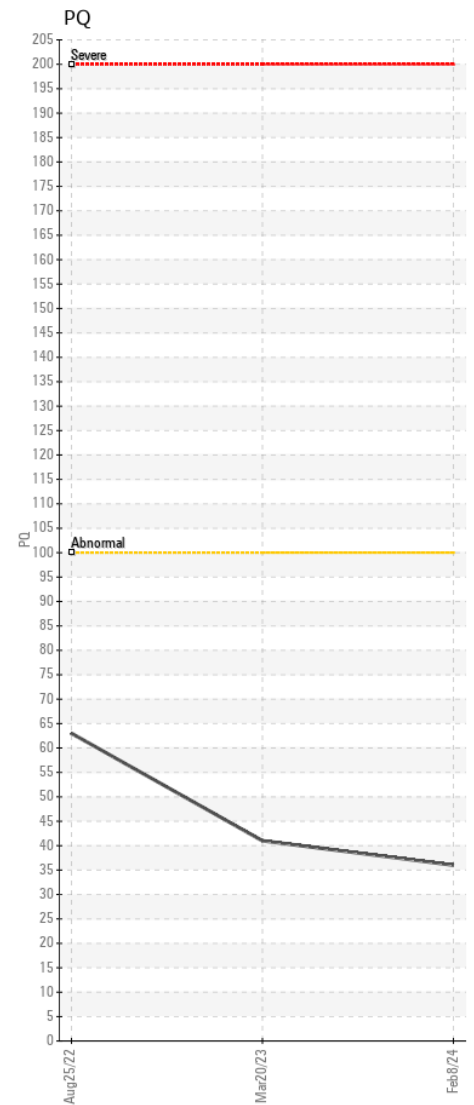
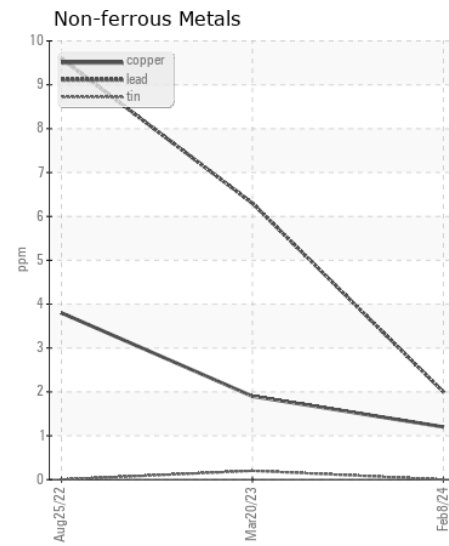
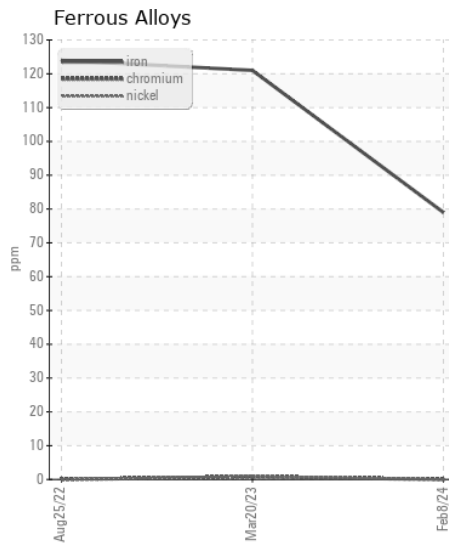
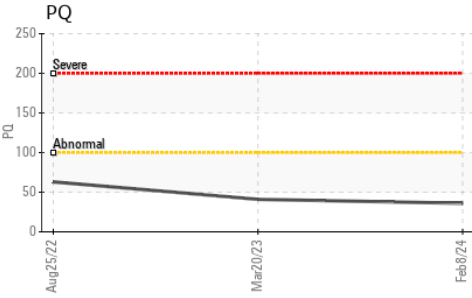
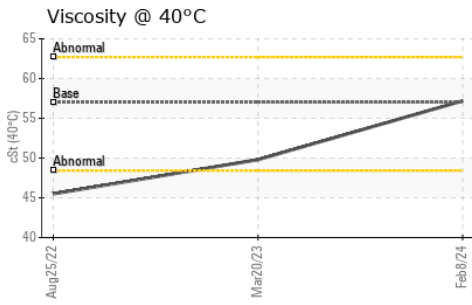
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	145	264	▲ 562
Potassium	ppm	ASTM D5185m	>20	13	13	15
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		12	15	26
Boron	ppm	ASTM D5185m	6	139	168	183
Barium	ppm	ASTM D5185m	0	<1	0	3
Molybdenum	ppm	ASTM D5185m	0	107	171	236
Manganese	ppm	ASTM D5185m		<1	3	3
Magnesium	ppm	ASTM D5185m	145	368	433	408
Calcium	ppm	ASTM D5185m	3570	2606	1979	1196
Phosphorus	ppm	ASTM D5185m	1290	909	780	616
Zinc	ppm	ASTM D5185m	1640	1179	919	646
Sulfur	ppm	ASTM D5185m		3134	3095	2132
Visc @ 40°C	cSt	ASTM D445	57.0	57.2	49.8	45.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0040519 **Received** : 12 Feb 2024
Lab Number : 06086269 **Tested** : 13 Feb 2024
Unique Number : 10873714 **Diagnosed** : 13 Feb 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)

T:
 F: (740)373-5570