



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
TEREX T340XL TC0696 (S/N 220696)
Component
Diesel Engine
Fluid
10W40 ADVANCED LUBRICATION (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		HPL0002610	HPL0001714	HPL007045
Sample Date		Client Info		28 Dec 2023	26 Oct 2022	21 Feb 2022
Machine Age	hrs	Client Info		3998	3213	12700
Oil Age	hrs	Client Info		0	753	0
Filter Age	hrs	Client Info		0	753	0
Oil Changed		Client Info		N/A	Changed	N/A
Filter Changed		Client Info		N/A	Changed	N/A
Sample Status				NORMAL	ATTENTION	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>75	47	31	53
Chromium	ppm	ASTM D5185m	>5	<1	<1	1
Nickel	ppm	ASTM D5185m	>4	0	0	<1
Titanium	ppm	ASTM D5185m	>2	2	9	▲ 83
Silver	ppm	ASTM D5185m	>2	0	<1	<1
Aluminum	ppm	ASTM D5185m	>15	8	4	8
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>100	4	3	5
Tin	ppm	ASTM D5185m	>4	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

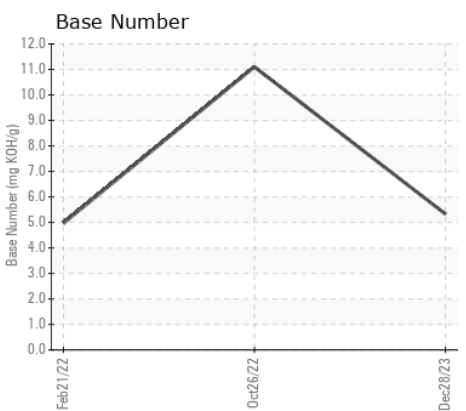
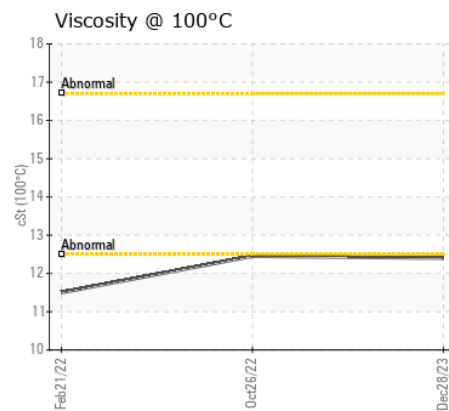
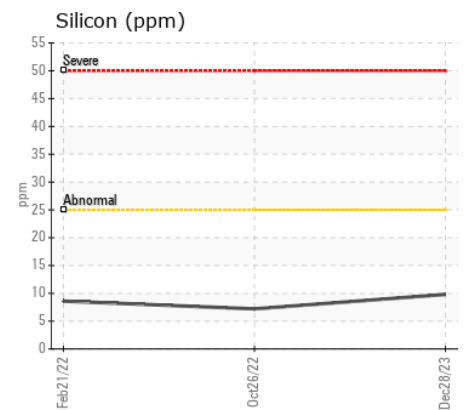
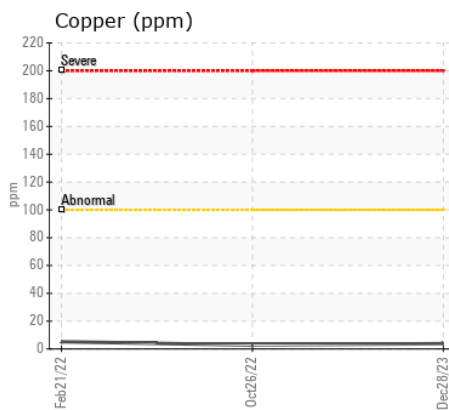
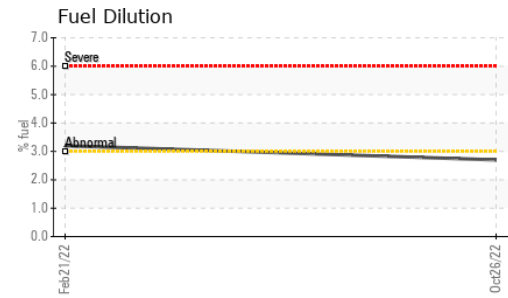
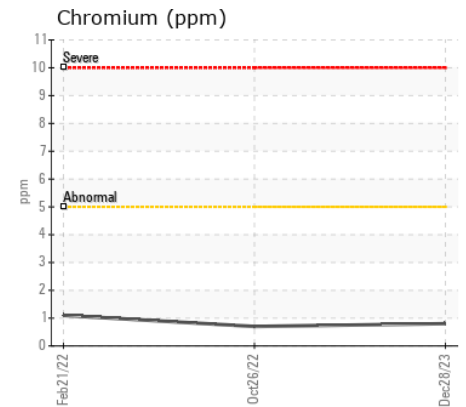
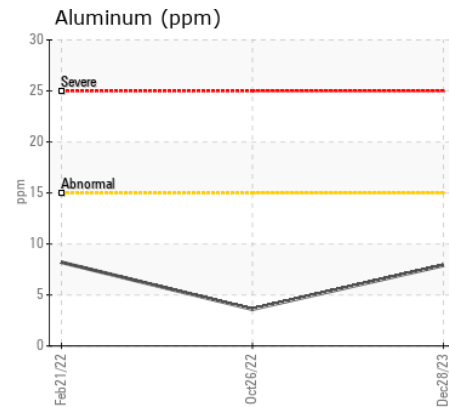
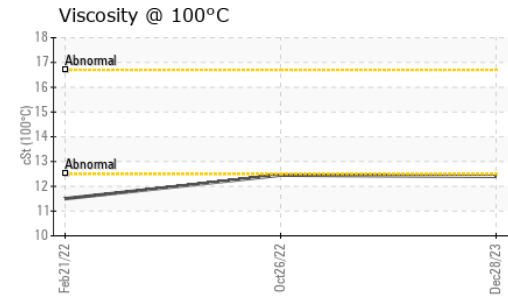
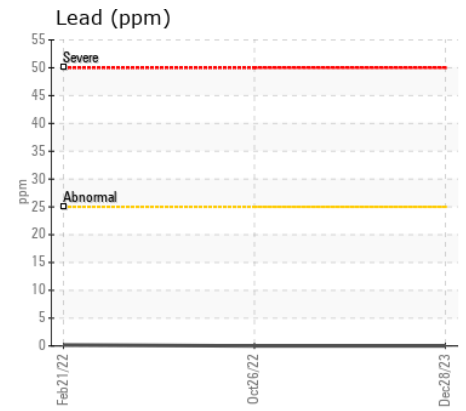
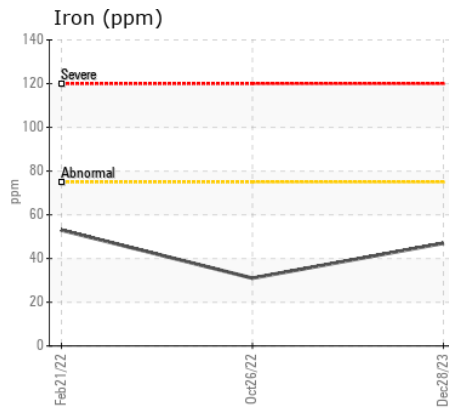
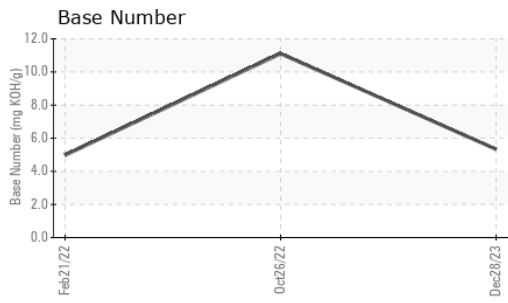
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	10	7	9
Potassium	ppm	ASTM D5185m	>20	2	2	7
Fuel	%	ASTM D3524	>3.0	<1.0	▲ 2.7	▲ 3.2
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>6	0.9	0.6	0.6
Nitration	Abs/cm	*ASTM D7624	>20	16.4	14.0	12.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	40.5	39.5	25.8
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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		2	<1	3
Boron	ppm	ASTM D5185m		2	11	85
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		509	426	3
Manganese	ppm	ASTM D5185m		<1	1	<1
Magnesium	ppm	ASTM D5185m		911	883	688
Calcium	ppm	ASTM D5185m		2322	2193	1568
Phosphorus	ppm	ASTM D5185m		937	903	1070
Zinc	ppm	ASTM D5185m		1166	1184	1189
Sulfur	ppm	ASTM D5185m		7455	9125	3451
Oxidation	Abs/.1mm	*ASTM D7414	>25	43.7	41.1	22.3
Base Number (BN)	mg KOH/g	ASTM D2896		5.33	11.1	4.97
Visc @ 100°C	cSt	ASTM D445		12.4	▲ 12.45	▲ 11.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : HPL0002610 **Received** : 08 Jan 2024
Lab Number : 06054141 **Diagnosed** : 10 Jan 2024
Unique Number : 10820090 **Diagnostician** : Jonathan Hester
Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

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)

STEVENSON CRANE
 410 STEVENSON DR
 BOLINGBROOK, IL
 US 60440
 Contact: JOE HAMMOND
 joe@stevensoncrane.com

T:
F: