



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Machine Id
TEREX AC80-2 7955 (S/N 48268)
Component
1 Differential
Fluid
GEAR OIL SAE 85W140 (--- GAL)

RECOMMENDATION

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.

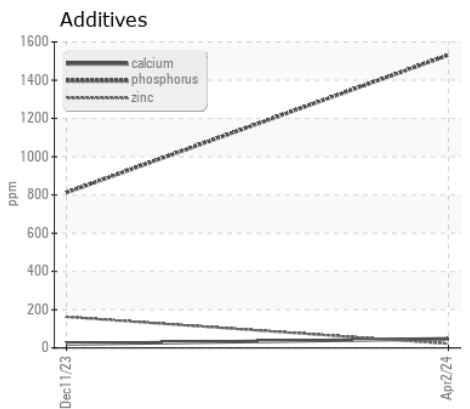
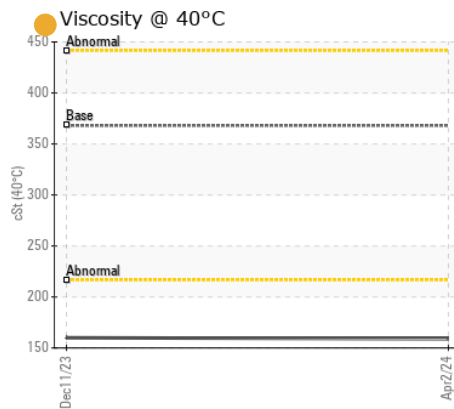
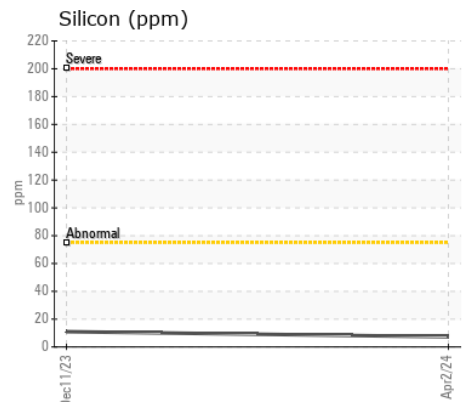
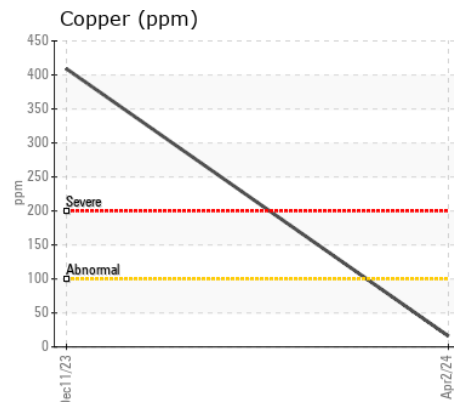
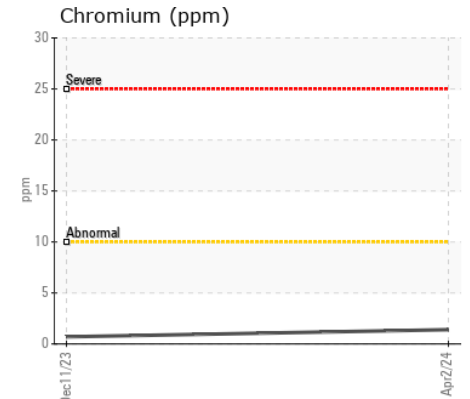
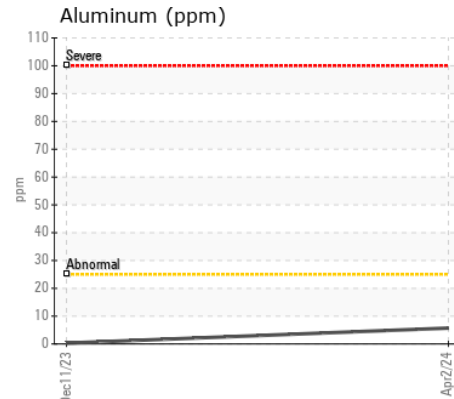
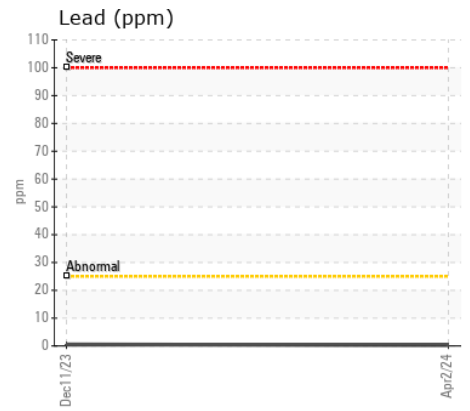
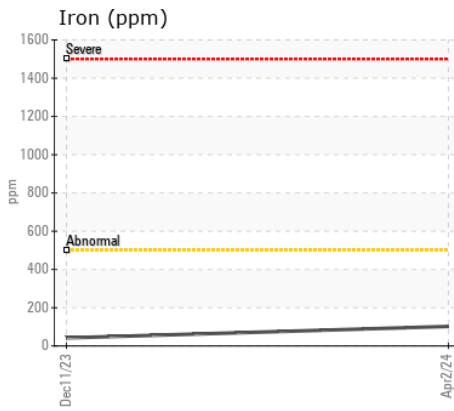
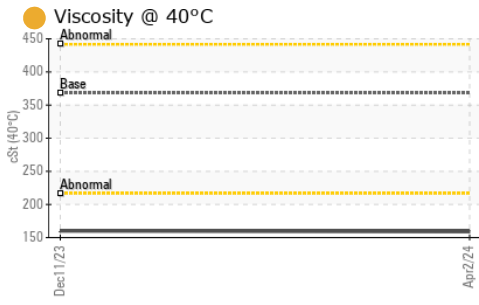
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The oil viscosity is lower than normal. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0021573	DC0031997	---
Sample Date		Client Info		02 Apr 2024	11 Dec 2023	---
Machine Age	hrs	Client Info		2049	1287	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ATTENTION	SEVERE	---
Iron	ppm	ASTM D5185m	>500	102	42	---
Chromium	ppm	ASTM D5185m	>10	1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>25	6	<1	---
Lead	ppm	ASTM D5185m	>25	<1	<1	---
Copper	ppm	ASTM D5185m	>100	16	▲ 409	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	7	11	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		2	0	---
Boron	ppm	ASTM D5185m	400	201	103	---
Barium	ppm	ASTM D5185m	200	44	77	---
Molybdenum	ppm	ASTM D5185m	12	<1	1	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m	12	7	3	---
Calcium	ppm	ASTM D5185m	150	48	21	---
Phosphorus	ppm	ASTM D5185m	1650	1531	812	---
Zinc	ppm	ASTM D5185m	125	22	162	---
Sulfur	ppm	ASTM D5185m	22500	46212	27877	---
Visc @ 40°C	cSt	ASTM D445	368	● 159	● 160	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0021573
Lab Number : 06158596
Unique Number : 10994019
Test Package : MOB 1

ABERDEEN PROVING GROUND
 6721 RARITON AVENUE
 ABERDEEN, MD
 US 21005
 Contact: TONY DAVIS
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 F:

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)