MOB II WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
TEREX MIXER FD6000 1502 (S/N SDG8AC6T950010566)
Component
Diesel Engine
Fluid
MOBIL DELVAC 1300 SUPER15W40 (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

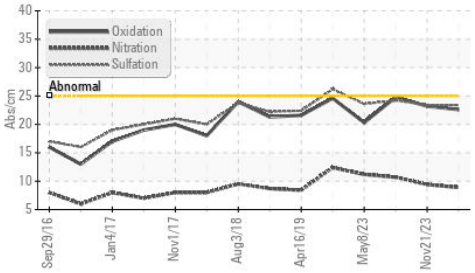
There is no indication of any contamination in the oil.

FLUID CONDITION

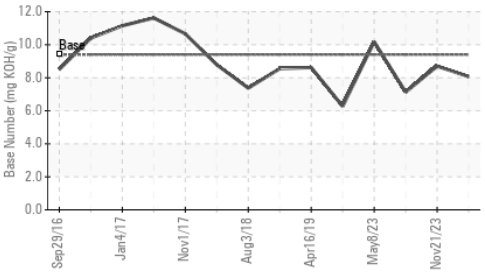
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RW0004894	RW0004369	RW0004374
Sample Date		Client Info		07 May 2024	21 Nov 2023	31 Jul 2023
Machine Age	mls	Client Info		260169	254250	247650
Oil Age	mls	Client Info		5919	6597	7000
Filter Age	mls	Client Info		5919	6597	7000
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>100	19	21	33
Chromium	ppm	ASTM D5185m	>20	<1	0	<1
Nickel	ppm	ASTM D5185m	>2	<1	0	<1
Titanium	ppm	ASTM D5185m	>2	<1	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	<1
Aluminum	ppm	ASTM D5185m	>25	1	<1	2
Lead	ppm	ASTM D5185m	>40	1	1	2
Copper	ppm	ASTM D5185m	>330	5	4	7
Tin	ppm	ASTM D5185m	>15	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	6	4	7
Potassium	ppm	ASTM D5185m	>20	3	<1	3
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>3	0.3	0.3	0.4
Nitration	Abs/cm	*ASTM D7624	>20	8.9	9.4	10.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.4	23.4	24.2
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
Sodium	ppm	ASTM D5185m		9	7	5
Boron	ppm	ASTM D5185m	0	42	33	34
Barium	ppm	ASTM D5185m	0	2	0	0
Molybdenum	ppm	ASTM D5185m	0	45	45	43
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	543	576	543
Calcium	ppm	ASTM D5185m		1778	1969	1773
Phosphorus	ppm	ASTM D5185m		916	872	782
Zinc	ppm	ASTM D5185m		1010	1036	981
Sulfur	ppm	ASTM D5185m		2873	3228	2779
Oxidation	Abs/.1mm	*ASTM D7414	>25	22.6	23.2	24.8
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	8.07	8.70	7.13
Visc @ 100°C	cSt	ASTM D445	14	13.6	13.5	13.5

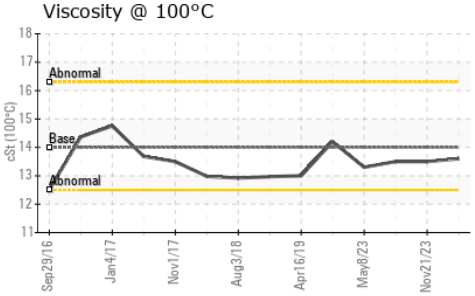
FT-IR (Direct Trend)



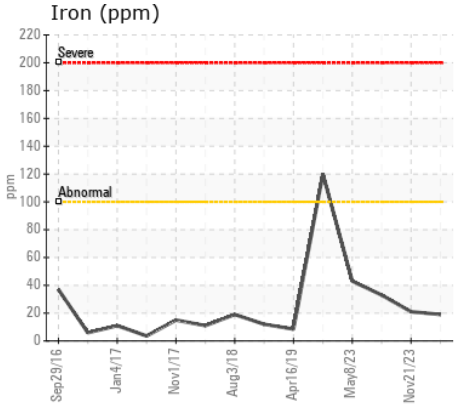
Base Number



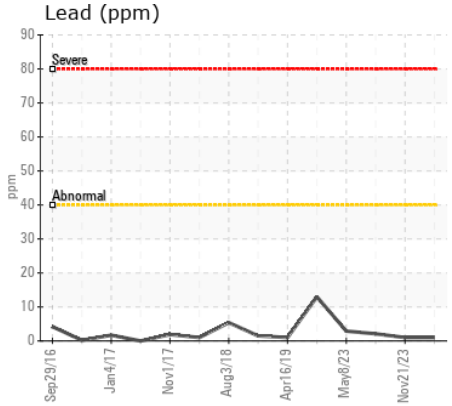
Viscosity @ 100°C



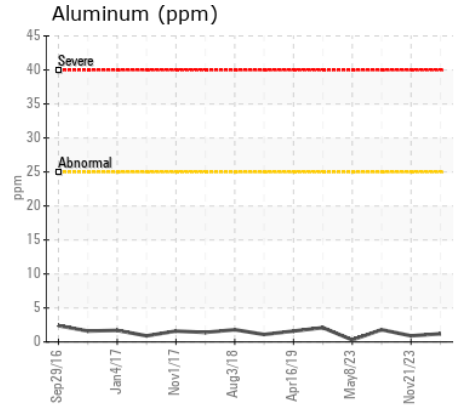
Iron (ppm)



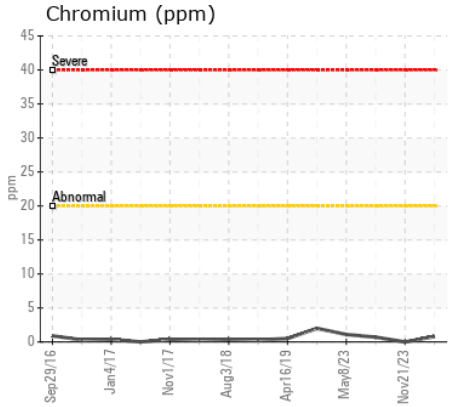
Lead (ppm)



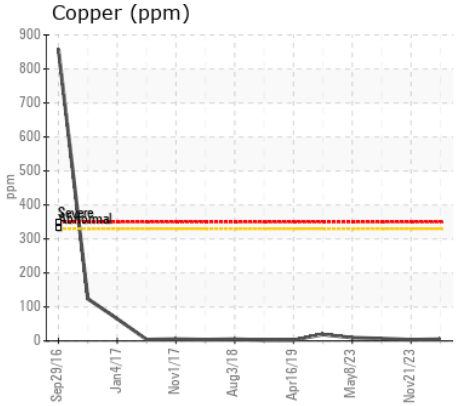
Aluminum (ppm)



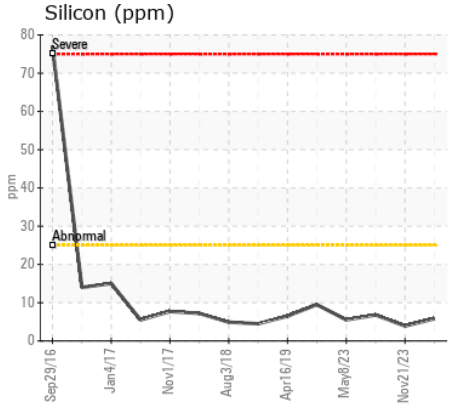
Chromium (ppm)



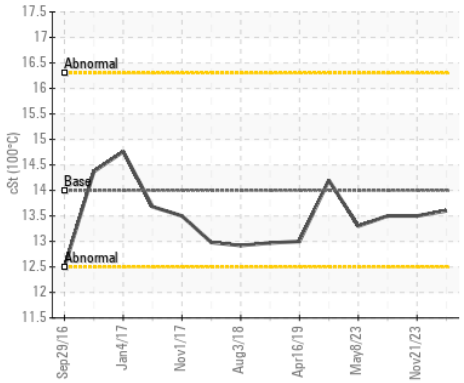
Copper (ppm)



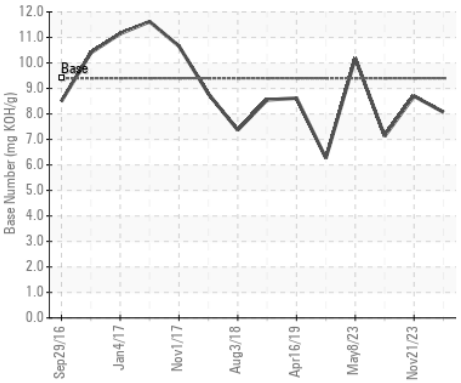
Silicon (ppm)



Viscosity @ 100°C



Base Number



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: RW0004894	**Received**	: 31 May 2024
Lab Number	: 06196869	**Tested**	: 03 Jun 2024
Unique Number	: 11058992	**Diagnosed**	: 03 Jun 2024 - Wes Davis
Test Package	: MOB 2		

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)

HOMER CONCRETE
205 S CEDAR ST
IMLAY CITY, MI
US 48444
Contact: DENNIS ONDRAJKA
homerconcrete@aol.com
T: (810)724-3905
F: (810)724-0733