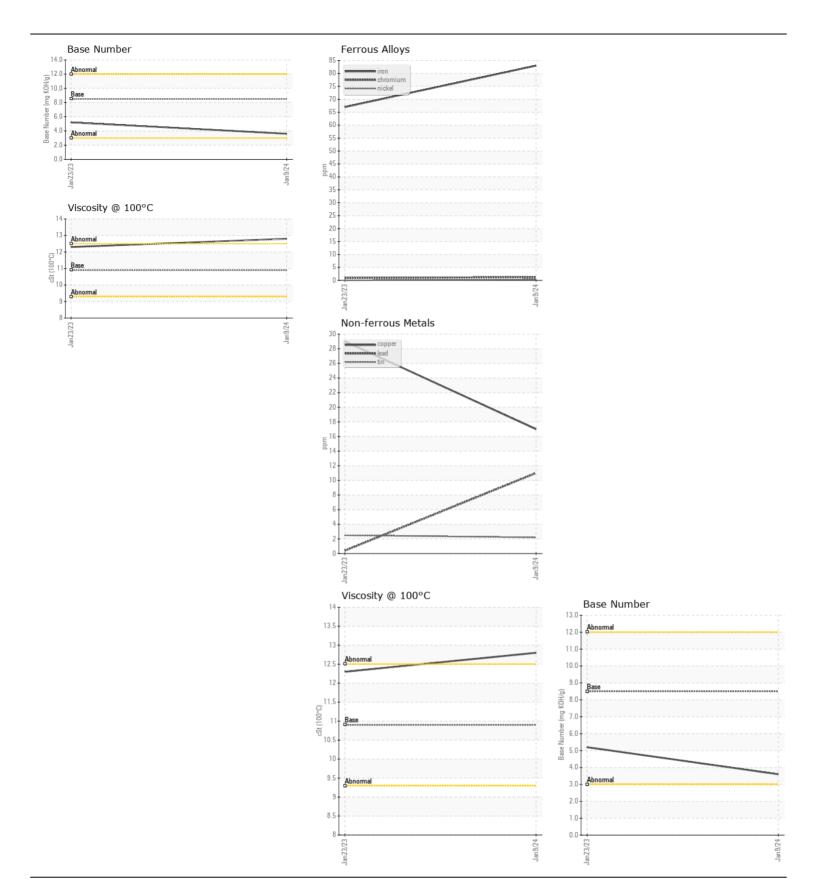


WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

Machine Id 2324

Component Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History
Resample at the next service interval to monitor.	Sample Number		Client Info		WC0876672	WC0717328	
	Sample Date		Client Info		09 Jan 2024	23 Jan 2023	
	Machine Age	mls	Client Info		176375	56009	
	Oil Age	mls	Client Info		50000	50000	
	Filter Age	mls	Client Info		50000	50000	
	Oil Changed		Client Info		Changed	Changed	
	Filter Changed		Client Info		Changed	Changed	
	Sample Status				NORMAL	NORMAL	
EAR	Iron	ppm	ASTM D5185m	>100	83	67	
VEAIL	Chromium	ppm	ASTM D5185m		1	<1	
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		- <1	0	
	Titanium	ppm	ASTM D5185m	77	<1	<1	
	Silver	ppm	ASTM D5185m	~3	<1	<1	
	Aluminum	ppm	ASTM D5185m		18	44	
	Lead	ppm	ASTM D5185m		11	<1	
	Copper	ppm	ASTM D5185m		17	29	
	Tin	ppm	ASTM D5185m		2	2	
	Vanadium	ppm	ASTM D5185m	710	0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
ONTAMINATION	0:1:		AOTA DE LOS	05			
ONTAMINATION	Silicon	ppm	ASTM D5185m		18	14	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		39	115	
	Fuel		WC Method		<1.0	<1.0	
	Water		WC Method	>0.2	NEG	NEG	
	Glycol	0/	WC Method	0	NEG	NEG	
	Soot %	% Ala a /a re	*ASTM D7844		0.8	0.3	
	Nitration	Abs/cm	*ASTM D7624 *ASTM D7415	>20	15.7	12.1 26.0	
	Sulfation Silt	Abs/.1mm	*Visual		34.5 NONE	NONE	
	Debris	scalar		NONE	NONE	NONE	
		scalar	*Visual	NONE			
	Sand/Dirt	scalar	*Visual	NONE	NONE NORML	NONE NORML	
	Appearance Odor	scalar scalar	*Visual	NORML NORML	NORML	NORML	
	Emulsified Water		*Visual	>0.2	NEG	NEG	
<u></u>	Linuisineu water	Scalai	Visuai	>0.2		INLG	
UID CONDITION	Sodium	ppm	ASTM D5185m		5	5	
The PN regult indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m	250	13	17	
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m	10	0	<1	
	Molybdenum	ppm	ASTM D5185m	100	65	22	
	Manganese	ppm	ASTM D5185m		2	2	
	Magnesium	ppm	ASTM D5185m	450	1290	886	
	Calcium	ppm	ASTM D5185m		1060	1270	
	Phosphorus	ppm	ASTM D5185m	1150	1272	790	
	Zinc	ppm	ASTM D5185m		1582	1017	
	Sulfur	ppm	ASTM D5185m	4250	3374	3491	
	Oxidation	Abs/.1mm	*ASTM D7414	>25	38.1	22.3	
	Base Number (BN)	mg KOH/g	ASTM D2896	8.5	3.6	5.2	
	Visc @ 100°C	cSt	ASTM D445	10.9	12.8	12.3	







Laboratory Sample No. Lab Number

: WC0876672 : 06064915 Unique Number : 10836297 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 18 Jan 2024 Diagnosed : 22 Jan 2024 Diagnostician : Sean Felton

EDEN, NC US 27289 Contact: MAINTENANCE

maintenancemanager@mabetrucking.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)

MABE TRUCKING

F: (336)635-1791

PO BOX 1081