

## Mobile Fleet Machine Id 6462 6462 Component Diesel Engine Fluid DIESEL ENGINE OIL SAE 10W30 (8 GAL)

## RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

W	/FΔ	R

All component wear rates are normal.

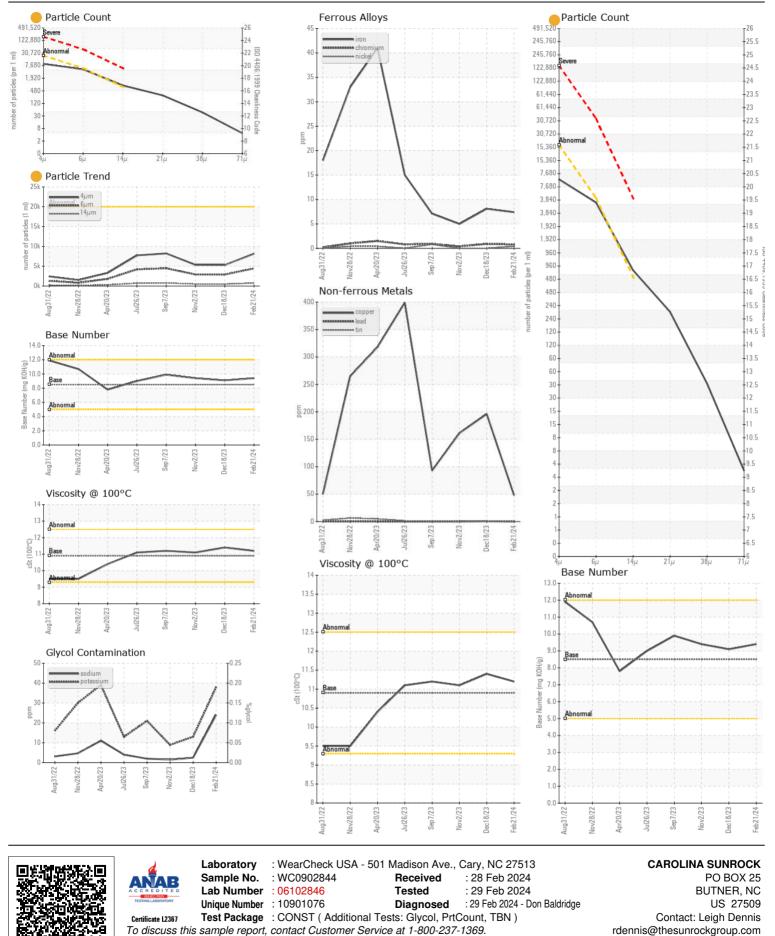
## CONTAMINATION

There is a moderate amount of particulates present 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.

Τe	est	UOM	Method	Limit/Abn	Current	History1	History2
	ample Number		Client Info		WC0902844	WC0885845	WC0867053
	ample Date		Client Info		21 Feb 2024	18 Dec 2023	02 Nov 2023
	achine Age	hrs	Client Info		2976	2637	2388
	-	-					
	il Age	hrs	Client Info		595	256	416
	lter Age	hrs	Client Info		595	256	416
	il Changed		Client Info		Changed	Changed	Not Changd
Fi	Iter Changed		Client Info		Changed	Changed	Not Changd
Sa	ample Status				ATTENTION	NORMAL	NORMAL
lro	on	ppm	ASTM D5185m	>100	7	8	5
C	hromium	ppm	ASTM D5185m	>20	<1	<1	<1
Ni	ickel	ppm	ASTM D5185m	>4	<1	0	0
Ti	tanium	ppm	ASTM D5185m		<1	0	0
Si	ilver	ppm	ASTM D5185m	>3	0	0	<1
-	luminum	ppm	ASTM D5185m	>20	4	6	6
	ead	ppm	ASTM D5185m	>40	0	<1	0
	opper	ppm	ASTM D5185m		48	196	161
Ti		ppm	ASTM D5185m	>15		<1	0
	anadium		ASTM D5185m	/10	0	<1	0
	hite Metal	ppm	*Visual	NONE	NONE	< I NONE	NONE
		scalar		NONE	NONE	NONE	NONE
Y 6	ellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
0	ilicon	0000	ASTM D5185m	>25	<u> </u>	5	C
-		ppm			6	5 13	6
	otassium	ppm	ASTM D5185m		38		÷
	uel		WC Method	>5	<1.0	<1.0	<1.0
	later		WC Method	>0.2	NEG	NEG	NEG
	lycol	%	*ASTM D2982		NEG	NEG	NEG
-	oot %	%	*ASTM D7844		0.1	0.2	0.2
N	itration	Abs/cm	*ASTM D7624	>20	6.0	7.2	6.5
	ulfation	Abs/.1mm	*ASTM D7415	>30	21.9	21.9	22.2
Pa	articles >4µm		ASTM D7647	>20000	8143	5298	5333
Pa	articles >6µm		ASTM D7647	>5000	4436	2886	2905
Pa	articles >14µm		ASTM D7647	>640	<b>755</b>	491	494
Pa	articles >21µm		ASTM D7647	>160	254	165	167
Pa	articles >38µm		ASTM D7647	>40	39	26	26
Pa	articles >71µm		ASTM D7647	>10	4	3	3
0	il Cleanliness		ISO 4406 (c)	>21/19/16	<b>20/19/17</b>	20/19/16	20/19/16
Si	ilt	scalar	*Visual	NONE	NONE	NONE	NONE
D	ebris	scalar	*Visual	NONE	NONE	NONE	NONE
Sa	and/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
A	ppearance	scalar	*Visual	NORML	NORML	NORML	NORML
	dor	scalar	*Visual	NORML	NORML	NORML	NORML
Er	mulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
S	odium	ppm	ASTM D5185m		24	2	2
	oron	ppm	ASTM D5185m	250	58	51	47
	arium	ppm	ASTM D5185m	10	0	0	0
	olybdenum	ppm	ASTM D5185m		56	55	53
	anganese	ppm	ASTM D5185m		<1	<1	0
	agnesium	ppm	ASTM D5185m	450	549	520	491
	alcium	ppm	ASTM D5185m	3000	1788	1687	1599
	hosphorus	ppm	ASTM D5185m		740	779	608
	inc	ppm	ASTM D5185m	1350	1004	927	868
	ulfur	ppm	ASTM D5185m		2663	2415	2239
	xidation	Abs/.1mm	*ASTM D5165111 *ASTM D7414	4250 >25	2003	2415	2239
	ase Number (BN)		ASTM D7414 ASTM D2896				
				8.5	9.4	9.1	9.4
VI	isc @ 100°C	cSt	ASTM D445	10.9	11.2	11.4	11.1



## To discuss this sample report, contact Customer Service at 1-800-237-1369. rdennise \* - 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)

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