

Area

OIL ANALYSIS REPORT

Sample Rating Trend **WEAR**



DIAGNOSIS Recommendation

OKLAHOMA/102/EG - DOZER 39.62 [OKLAHOMA^102^EG - DOZER] **Right Final Drive**

MOBIL MOBILTRANS HD 50 (--- GAL)

DIAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0914472	WC0832338	WC0745895
The oil change at the time of sampling has been	Sample Date		Client Info		07 Jun 2024	27 Jul 2023	10 Nov 2022
noted. No corrective action is recommended at this	Machine Age	hrs	Client Info		9350	8888	8446
ime. Resample at the next service interval to	Oil Age	hrs	Client Info		456	6956	1393
nonitor.	Oil Changed		Client Info		Changed	Not Changd	Not Changd
Wear	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
The chromium level is abnormal. All other component wear rates are normal.	CONTAMINATIO	N	method	limit/base	current	history1	history2
Contamination	Water		WC Method	>0.2	NEG	NEG	NEG
il.	WEAR METALS		method	limit/base	current	history1	history2
luid Condition	Iron	ppm	ASTM D5185m	>800	605	597	615
he condition of the oil is acceptable for the time in	Chromium	ppm	ASTM D5185m	>10	<u> </u>	▲ 11	🔺 11
ervice.	Nickel	ppm	ASTM D5185m	>5	1	<1	1
	Titanium	ppm	ASTM D5185m	>15	3	3	3
	Silver	ppm	ASTM D5185m	>2	0	0	0
	Aluminum	ppm	ASTM D5185m	>75	47	47	48
	Lead	ppm	ASTM D5185m	>10	<1	0	<1
	Copper	ppm	ASTM D5185m	>75	4	5	4
	Tin	maa	ASTM D5185m	>8	0	0	<1
	Antimony	maa	ASTM D5185m	>50			
	Vanadium	ppm	ASTM D5185m	, 00	<i>c</i> 1	<1	<1
	Cadmium	ppm	ASTM D5185m		0	0	0
		1-1-	method	limit/base	ourrent	history1	history?
	ADDITIVE5		methou	IIIIII/Dase	Current	TIIStory I	TIIStoryz
	Boron	ppm	ASTM D5185m		9	0	9
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		8	9	9
	Manganese	ppm	ASTM D5185m		7	8	7
	Magnesium	ppm	ASTM D5185m		35	36	34
	Calcium	ppm	ASTM D5185m		2639	2567	2469
	Phosphorus	ppm	ASTM D5185m		1020	919	872
	Zinc	ppm	ASTM D5185m		1105	1023	989
	Sulfur	ppm	ASTM D5185m		10442	11946	11466
	CONTAMINANTS	;	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>400	271	260	246
	Sodium	ppm	ASTM D5185m		4	7	5
	Potassium	ppm	ASTM D5185m	>20	15	14	10
	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
	Silt	scalar	*Visual	NONE	NONE	LIGHT	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
eport Id: SHEWIC [WUSCAR] 06216114 (Generated: 06/23/2024 16	Eree Water	scalar	*\/ieual		NEG	bmitted Bv: WA	YNE



OIL ANALYSIS REPORT





FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	195	174	174	173
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						





Submitted By: WAYNE HUBBARD

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