



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
OKLAHOMA/109/EG - PAVING EQUIPMENT
Machine Id
68.23 [OKLAHOMA^109^EG - PAVING EQUIPMENT]
Component
Rear Right Final Drive
Fluid
MOBIL MOBILUBE HD PLUS 85W140 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0678747	WC0578317	WCCF1088
Sample Date		Client Info		19 May 2022	11 Aug 2021	21 Jan 2019
Machine Age	hrs	Client Info		4031	3575	2122
Oil Age	hrs	Client Info		388	917	757
Filter Age	hrs	Client Info		0	917	0
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Not Chngd
Sample Status				NORMAL	ATTENTION	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	130	238	262
Chromium	ppm	ASTM D5185m	>10	4	4	5
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	1	2
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	<1	2	4
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	MODER	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

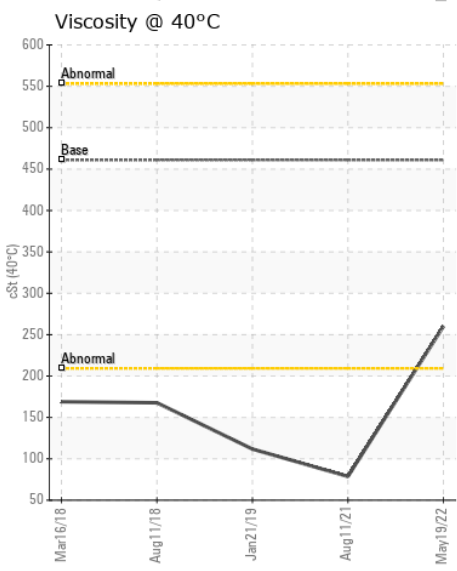
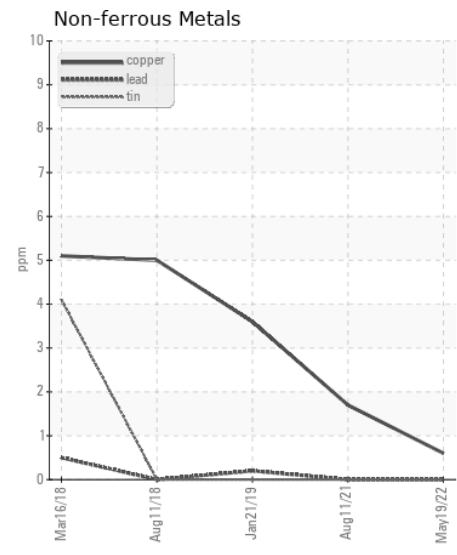
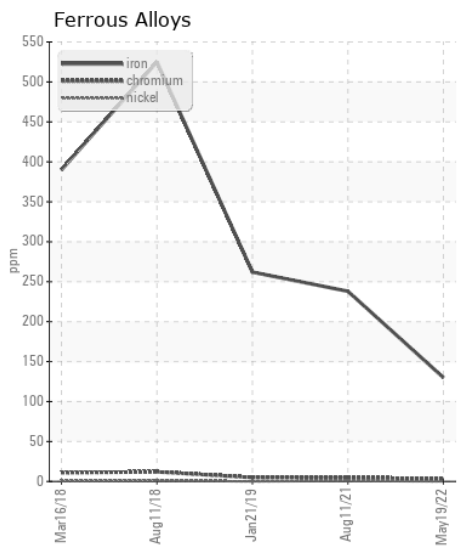
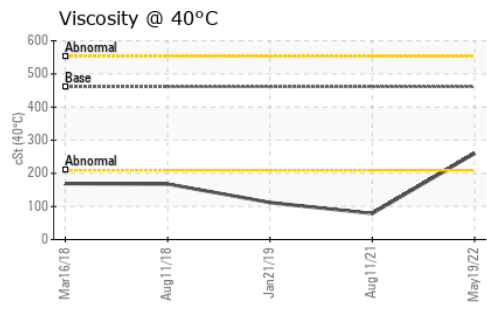
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	10	8	6
Potassium	ppm	ASTM D5185m	>20	0	4	2
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	MODER
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

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		4	4	11
Boron	ppm	ASTM D5185m		144	▲ 51	220
Barium	ppm	ASTM D5185m		4	15	58
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		2	3	3
Magnesium	ppm	ASTM D5185m		4	3	<1
Calcium	ppm	ASTM D5185m		72	▲ 73	20
Phosphorus	ppm	ASTM D5185m		888	▲ 610	1303
Zinc	ppm	ASTM D5185m		39	▲ 23	8
Sulfur	ppm	ASTM D5185m		29050	17022	22392
Visc @ 40°C	cSt	ASTM D445	461	260	▲ 78.7	111.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0678747
Lab Number : 05559934
Unique Number : 9999322
Test Package : CONST
Received : 02 Jun 2022
Tested : 03 Jun 2022
Diagnosed : 03 Jun 2022 - Jonathan Hester

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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)