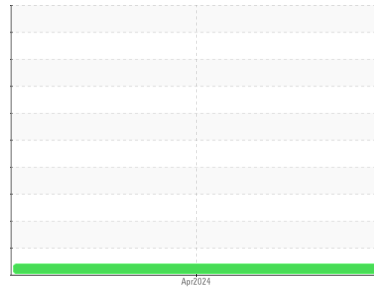




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
142301 - CAT ASPHALT PAVER

Component
Right Auger Pump Drive

Fluid
MOBIL MOBILUBE HD 85W140 (--- GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		SBP0006394	---	---
Sample Date	Client Info		03 Apr 2024	---	---
Machine Age	hrs	Client Info	549	---	---
Oil Age	hrs	Client Info	549	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			ATTENTION	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	---	---

WEAR METALS	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>200	55	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		<1	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m		0	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

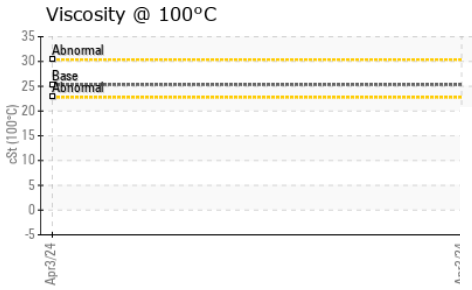
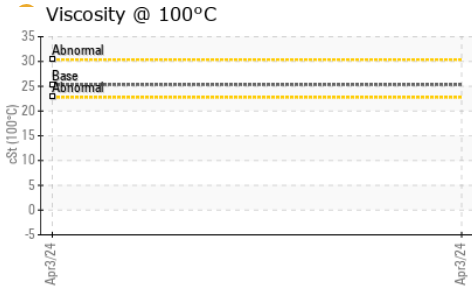
ADDITIVES	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		55	---	---
Barium	ppm	ASTM D5185m		4	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		5	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		77	---	---
Phosphorus	ppm	ASTM D5185m		815	---	---
Zinc	ppm	ASTM D5185m		19	---	---
Sulfur	ppm	ASTM D5185m		24916	---	---

CONTAMINANTS	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m		3	---	---
Sodium	ppm	ASTM D5185m		37	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---

VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---



OIL ANALYSIS REPORT



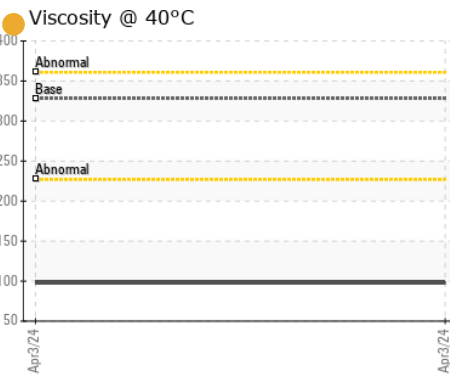
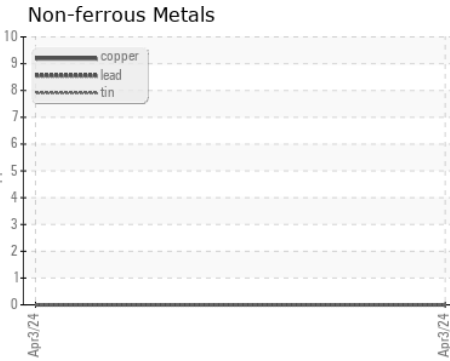
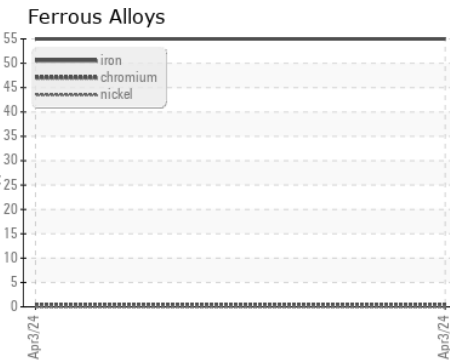
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	328 ● 97.8	---	---

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SBP0006394 **Received** : 09 Apr 2024
Lab Number : 06143752 **Tested** : 12 Apr 2024
Unique Number : 10968560 **Diagnosed** : 12 Apr 2024 - Jonathan Hester
Test Package : FLEET (Additional Tests: KV100)

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)

Constructors Inc. - 603659

1815 Y Street

Lincoln, NE

US 68508

Contact: Loren Michael

LorenM@constructorslincoln.com

T: (402)434-2157

F: