



ASCENDUM

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[UNITED RENTALS]
 Machine Id
VOLVO A25G 742179
 Component
Bogie/Center Right Final Drive
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0003014	VCP296183	---
Sample Date		Client Info		28 Apr 2024	10 Mar 2021	---
Machine Age	hrs	Client Info		2183	1743	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Not Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	60	300	---
Chromium	ppm	ASTM D5185m	>20	<1	7	---
Nickel	ppm	ASTM D5185m	>10	<1	4	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>30	0	<1	---
Lead	ppm	ASTM D5185m	>50	0	<1	---
Copper	ppm	ASTM D5185m	>150	5	23	---
Tin	ppm	ASTM D5185m	>20	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

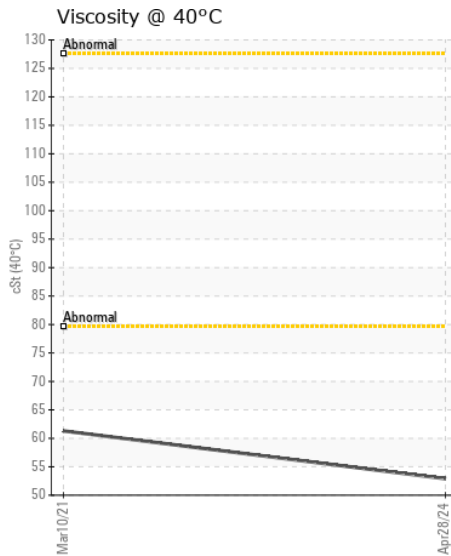
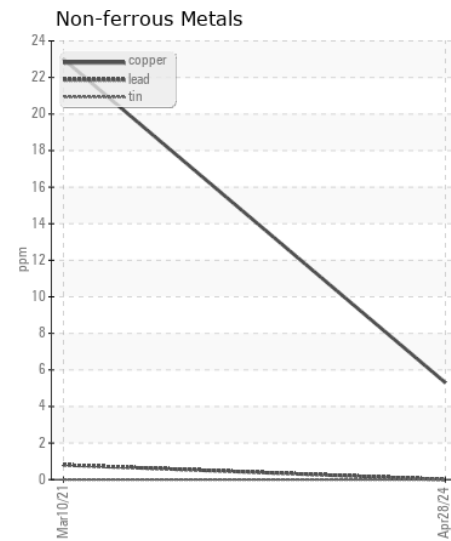
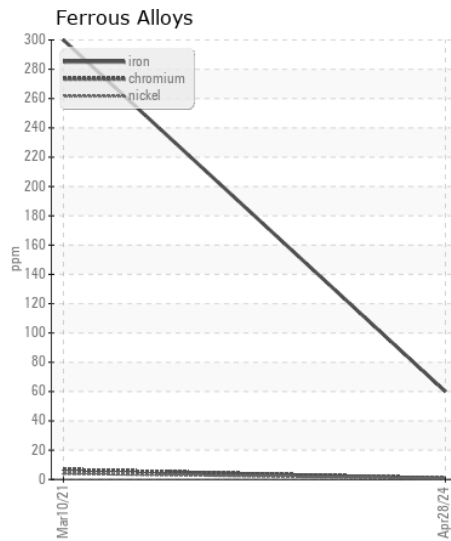
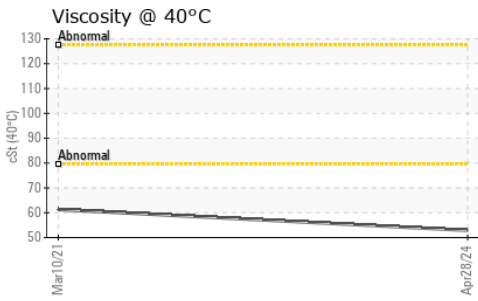
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	2	3	---
Potassium	ppm	ASTM D5185m	>20	1	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		3	4	---
Boron	ppm	ASTM D5185m		275	191	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		<1	5	---
Manganese	ppm	ASTM D5185m		3	18	---
Magnesium	ppm	ASTM D5185m		<1	0	---
Calcium	ppm	ASTM D5185m		34	42	---
Phosphorus	ppm	ASTM D5185m		2197	1480	---
Zinc	ppm	ASTM D5185m		16	19	---
Sulfur	ppm	ASTM D5185m		31906	21992	---
Visc @ 40°C	cSt	ASTM D445		52.9	61.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0003014
Lab Number : 06174300
Unique Number : 11020353
Test Package : CONST

Received : 09 May 2024
Tested : 16 May 2024
Diagnosed : 16 May 2024 - Jonathan Hester

160 - ASCENDUM MACHINERY INC - MILLS RIVER
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 US 28759
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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)