MOB VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
VOLVO G970 41848
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

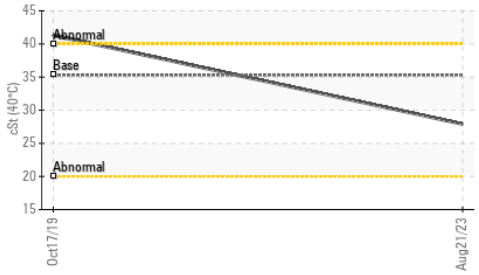
There is no indication of any contamination in the fluid.

FLUID CONDITION

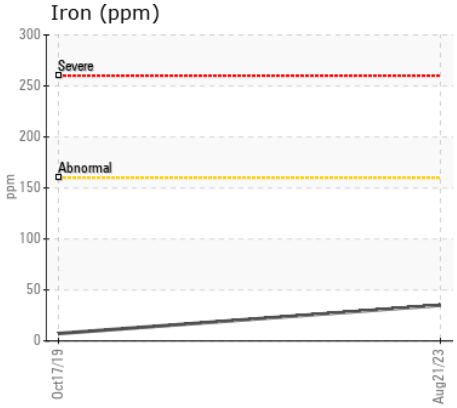
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP412779	VCE185401	---
Sample Date		Client Info		21 Aug 2023	17 Oct 2019	---
Machine Age	hrs	Client Info		0	10257	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185m	>160	35	7	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	2	1	---
Lead	ppm	ASTM D5185m	>50	0	1	---
Copper	ppm	ASTM D5185m	>225	0	<1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>20	6	7	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m		2	3	---
Boron	ppm	ASTM D5185m	187	87	61	---
Barium	ppm	ASTM D5185m	0.0	0	0	---
Molybdenum	ppm	ASTM D5185m	0.0	0	11	---
Manganese	ppm	ASTM D5185m	0.0	<1	<1	---
Magnesium	ppm	ASTM D5185m	6.8	10	49	---
Calcium	ppm	ASTM D5185m	215	643	2795	---
Phosphorus	ppm	ASTM D5185m	445	363	939	---
Zinc	ppm	ASTM D5185m	56	212	1080	---
Sulfur	ppm	ASTM D5185m	1336	2494	2712	---
Visc @ 40°C	cSt	ASTM D445	35.3	27.9	41.3	---

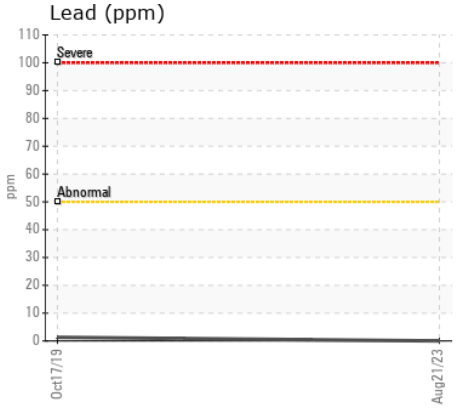
Viscosity @ 40°C



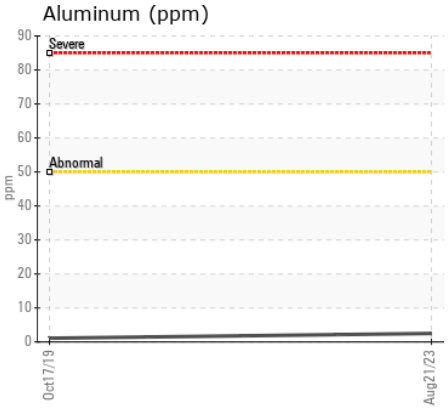
Iron (ppm)



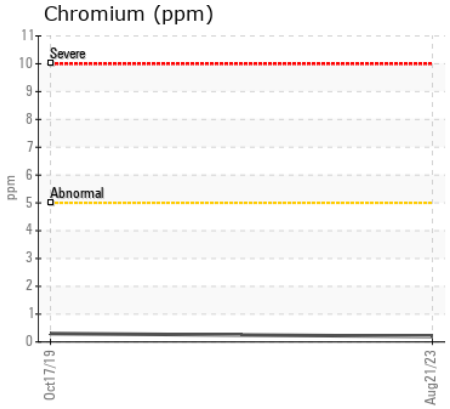
Lead (ppm)



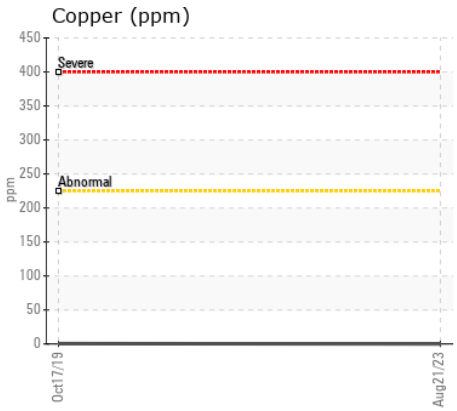
Aluminum (ppm)



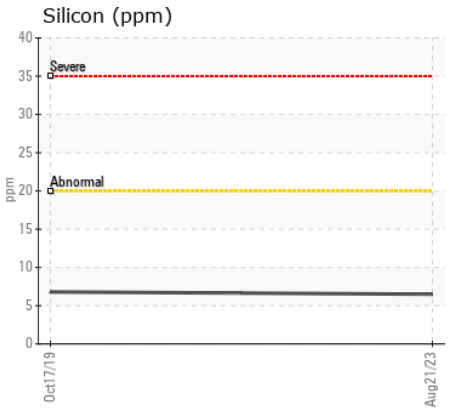
Chromium (ppm)



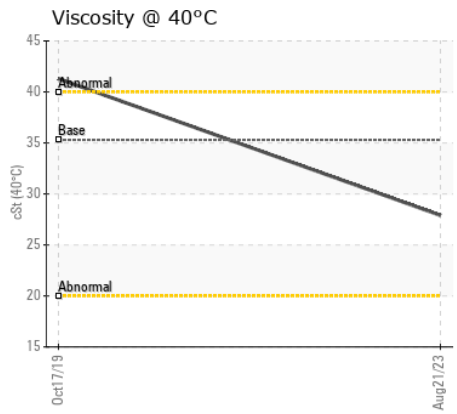
Copper (ppm)



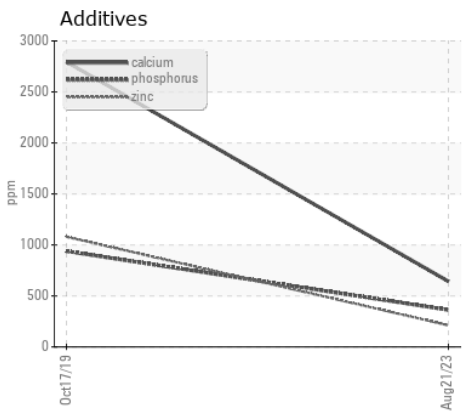
Silicon (ppm)



Viscosity @ 40°C



Additives



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP412779
Lab Number : 05933023
Unique Number : 10618294
Test Package : MOBCE

Received : 23 Aug 2023
Tested : 24 Aug 2023
Diagnosed : 25 Aug 2023 - Sean Felton

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)

403 - ASCENDUM MACHINERY INC - FARGO
3739 38TH ST SW, SUITE E
FARGO, ND
US 58104
Contact: JESSE SCHEELE
jesse.scheele@ascendummachinery.com
T:
F: (701)356-4072