



CONSTRUCTION EQUIPMENT

A11036 LEW VOLVO A40G 342518 - TRANSMISSION (AUTO)



Sample No: VCP412352
Oil Type: MOBIL AT 102
Job No: A11036 LEW



SAMPLE INFORMATION

Sample Number	VCP412352	VCP389504	---	---
Sample Date	14 Sep 2023	18 Oct 2022	---	---
Machine Hours	5000	4365	---	---
Oil Hours	1000	2000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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 T: (610)363-9200
 F: (610)594-0829



OIL CONDITION

Visc @ 40°C	cSt	28.7	28.0	---	---
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CONTAMINATION

Silicon	ppm	2	5	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	6	18	---	---
Copper	ppm	3	9	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	5	7	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	78	70	---	---
Magnesium	ppm	4	2	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	207	190	---	---
Barium	ppm	0	0	---	---
Boron	ppm	92	90	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO8879
Unique No: 10673281
Signed: Wes Davis
Report Date: 03 Oct 2023

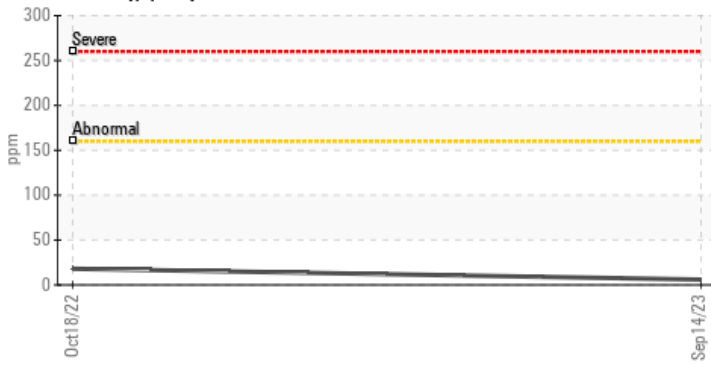


CONSTRUCTION EQUIPMENT

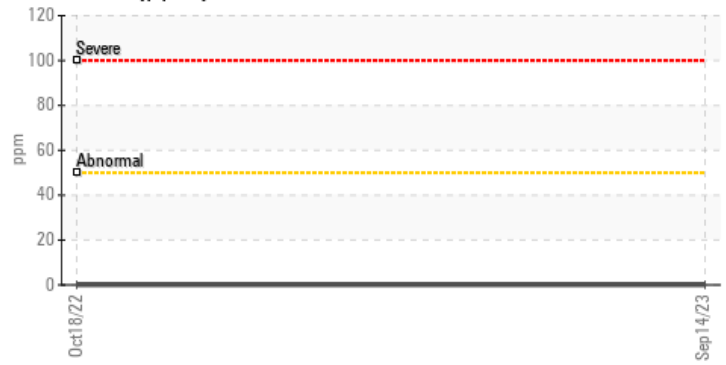


GRAPHS

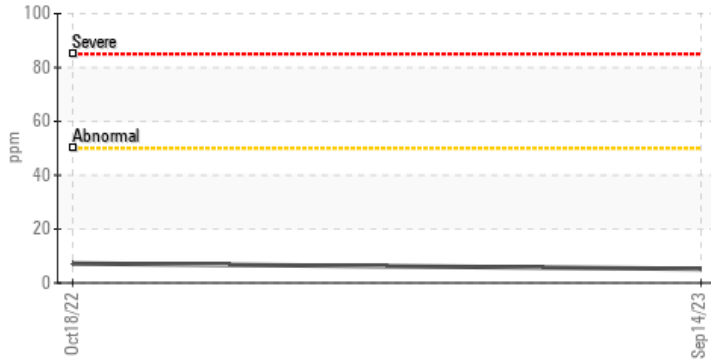
Iron (ppm)



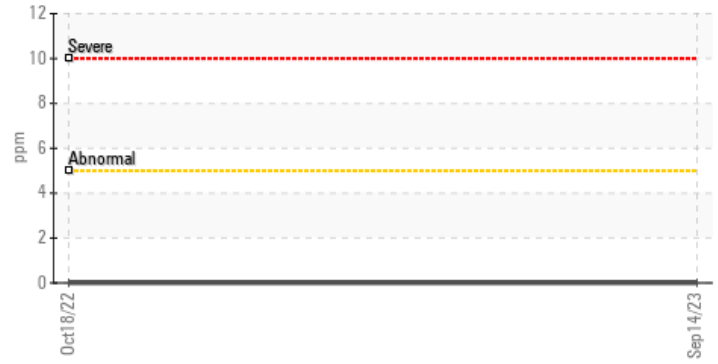
Lead (ppm)



Aluminum (ppm)



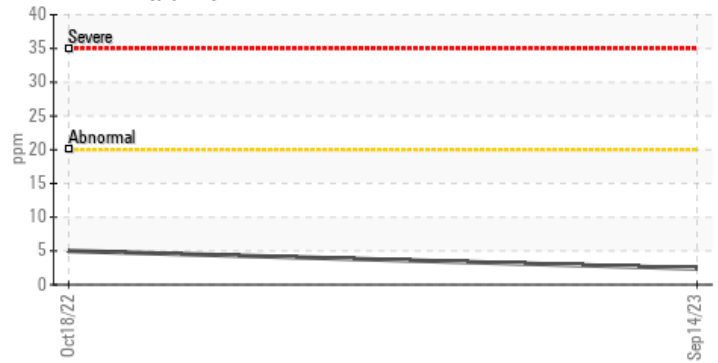
Chromium (ppm)



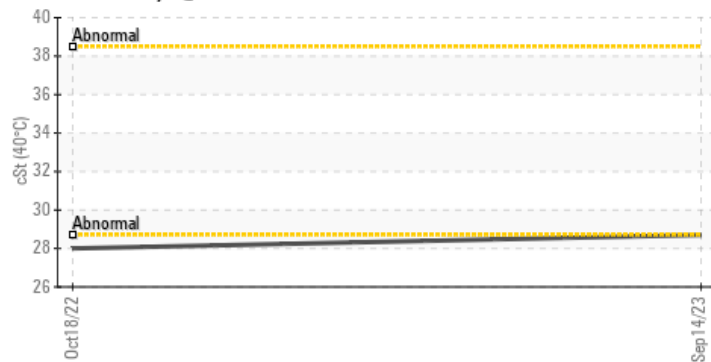
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

