



CONSTRUCTION EQUIPMENT

673041 HERC VOLVO L70H 623869 - TRANSMISSION (AUTO)



Sample No: VCP447400
Oil Type: VOLVO AT 102
Job No: 673041 HERC



SAMPLE INFORMATION

Sample Number	VCP447400	VCP312614	VCP306628	---
Sample Date	08 Apr 2024	05 Oct 2021	26 Feb 2021	---
Machine Hours	1659	769	563	---
Oil Hours	1659	769	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.1	26.8	42.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	6	8	---
Sodium	ppm	2	5	4	---
Potassium	ppm	3	0	0	---

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.



WEAR METALS

Iron	ppm	102	128	81	---
Copper	ppm	7	9	8	---
Lead	ppm	1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	0	<1	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	1	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	10	9	9	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	71	87	94	---
Magnesium	ppm	1	2	0	---
Zinc	ppm	32	43	38	---
Phosphorus	ppm	181	160	163	---
Barium	ppm	0	0	0	---
Boron	ppm	74	47	59	---

Depot: VOLVO0093
Unique No: 11019098
Signed: Wes Davis
Report Date: 09 May 2024

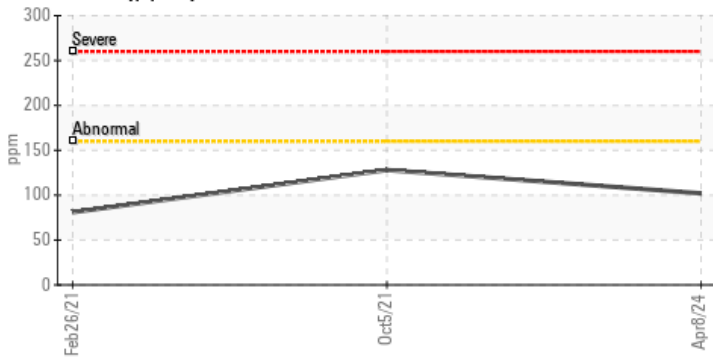


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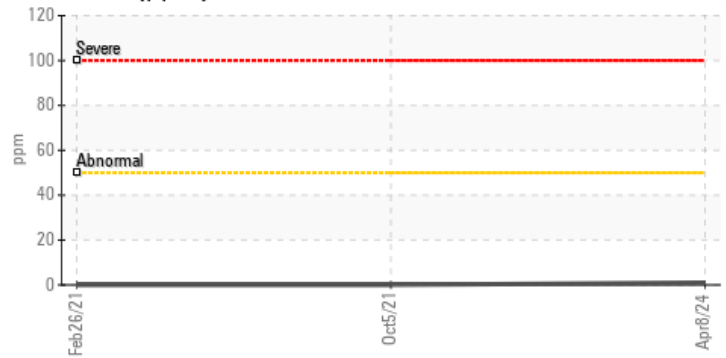


GRAPHS

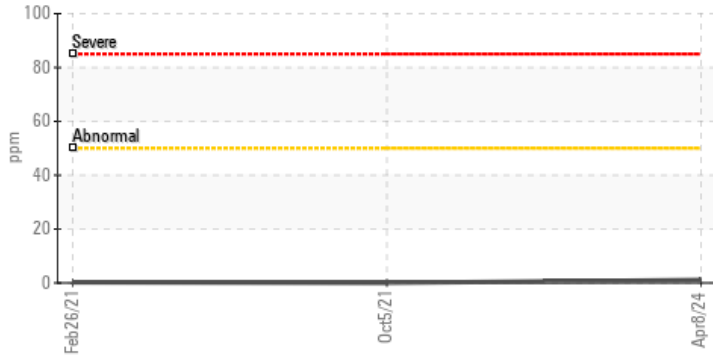
Iron (ppm)



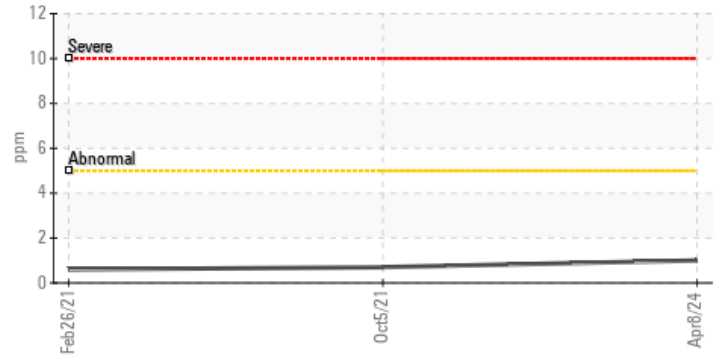
Lead (ppm)



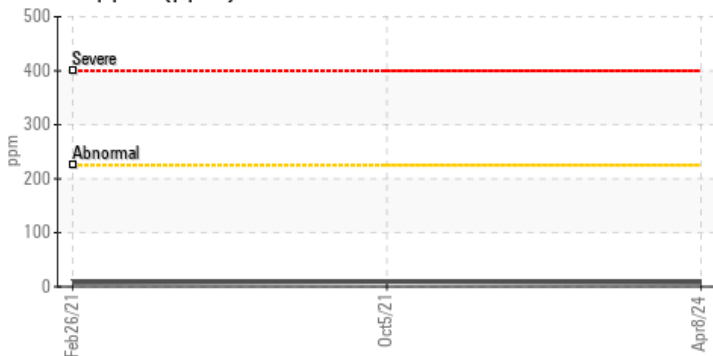
Aluminum (ppm)



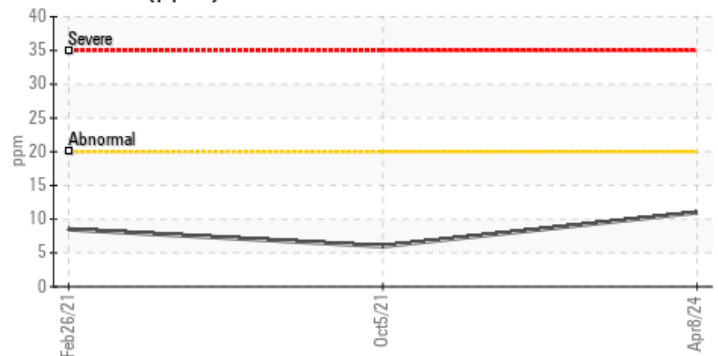
Chromium (ppm)



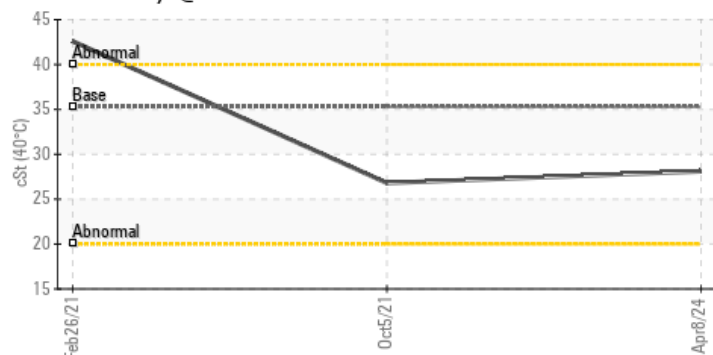
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

