



CONSTRUCTION EQUIPMENT

SPM646900 HOLCIM VOLVO L220H 3536 - TRANSMISSION (AUTO)



Sample No: VCP435719
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM646900 HOLCIM



SAMPLE INFORMATION

Sample Number	VCP435719	VCP415051	---	---
Sample Date	20 Dec 2023	19 Oct 2023	---	---
Machine Hours	1630	542	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	45.6	28.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	8	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	2	2	---	---

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	38	24	---	---
Copper	ppm	5	2	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	5	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	72	70	---	---
Magnesium	ppm	1	11	---	---
Zinc	ppm	12	3	---	---
Phosphorus	ppm	160	186	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	77	78	---	---

Depot: VOLVO8885
Unique No: 10883466
Signed: Don Baldrige
Report Date: 17 Feb 2024

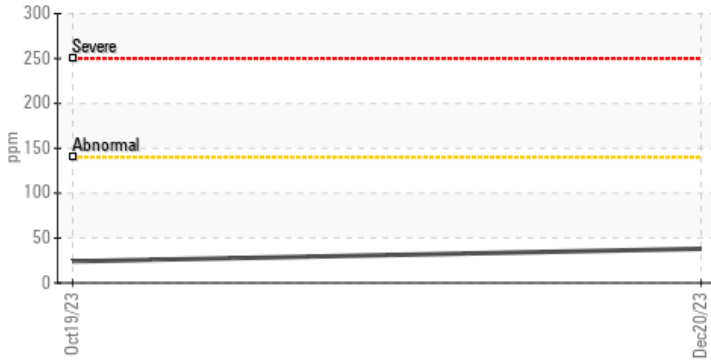


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GRAPHS

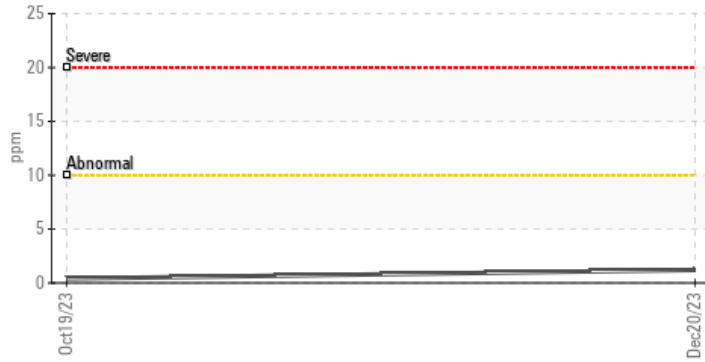
Iron (ppm)



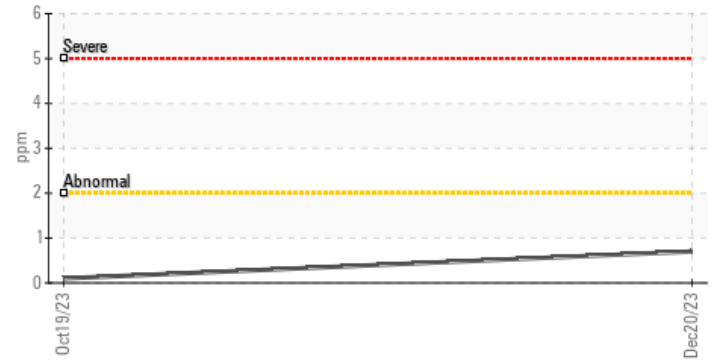
Lead (ppm)



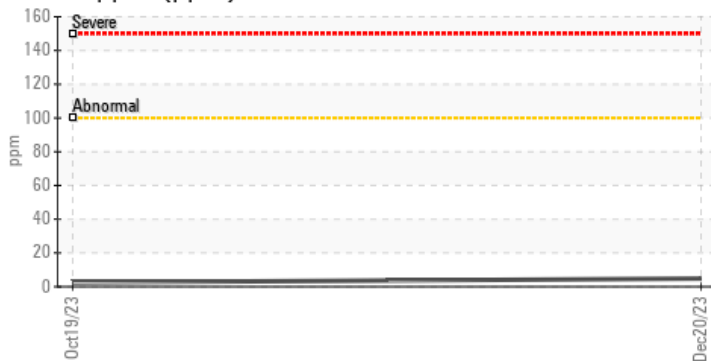
Aluminum (ppm)



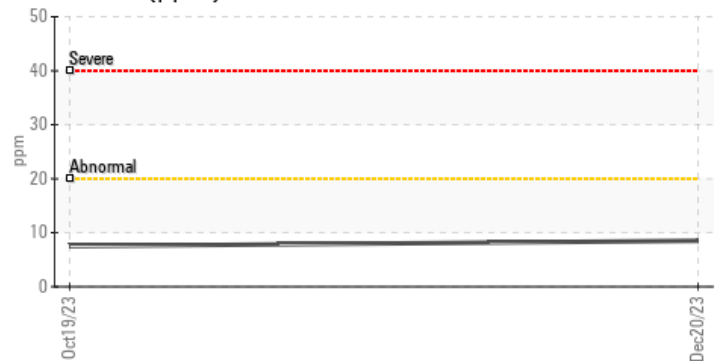
Chromium (ppm)



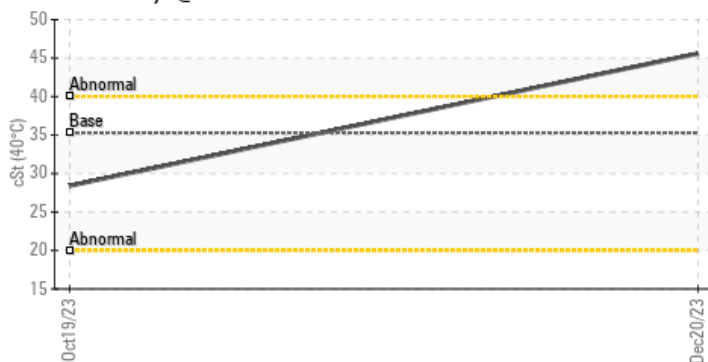
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

