



CONSTRUCTION EQUIPMENT

SPM703351 US GYPSUM VOLVO L180H 5572 - TRANSMISSION (AUTO)



Sample No: VCP446997
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM703351 US GYPSUM



SAMPLE INFORMATION

Sample Number	VCP446997	VCP426914	VCP05893022	VCP419980
Sample Date	30 Apr 2024	12 Sep 2023	13 Jun 2023	14 Mar 2023
Machine Hours	7008	5421	4720	4201
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
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 F:



OIL CONDITION

Visc @ 40°C	cSt	30.7	31.1	29.6	29.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	4
Sodium	ppm	3	<1	0	3
Potassium	ppm	0	2	2	<1

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

PQ		---	---	17	---
Iron	ppm	58	32	26	62
Copper	ppm	25	15	15	52
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	0	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	2	3	3	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	281	296	126	108
Magnesium	ppm	24	28	29	37
Zinc	ppm	119	124	53	69
Phosphorus	ppm	266	267	221	211
Barium	ppm	<1	0	<1	0
Boron	ppm	76	76	86	73

Depot: VOLVO8885
Unique No: 11030576
Signed: Don Baldrige
Report Date: 16 May 2024

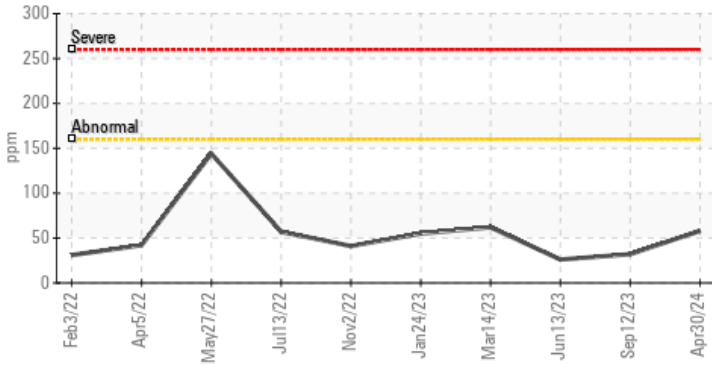


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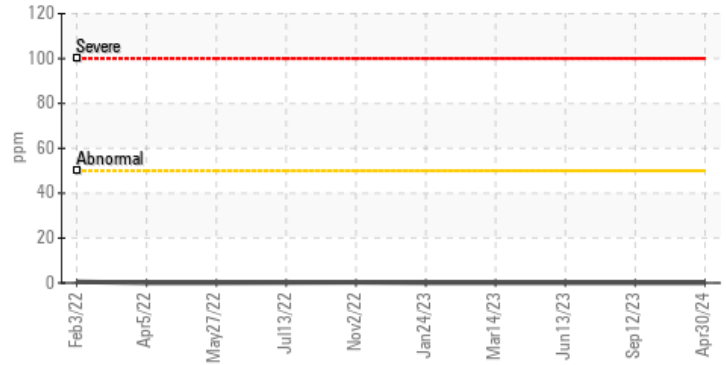


VOLVO GRAPHS

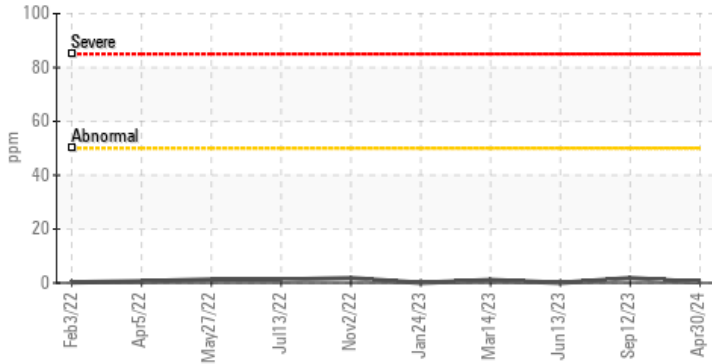
Iron (ppm)



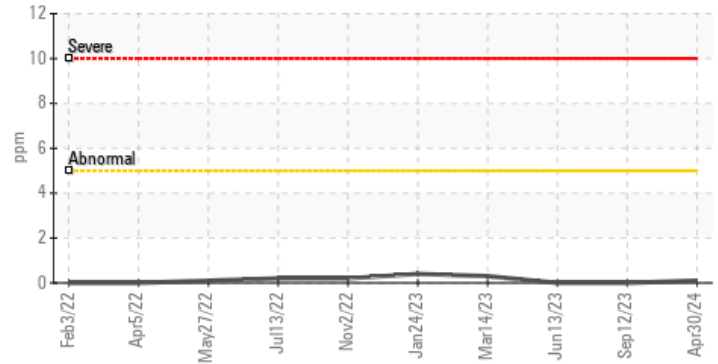
Lead (ppm)



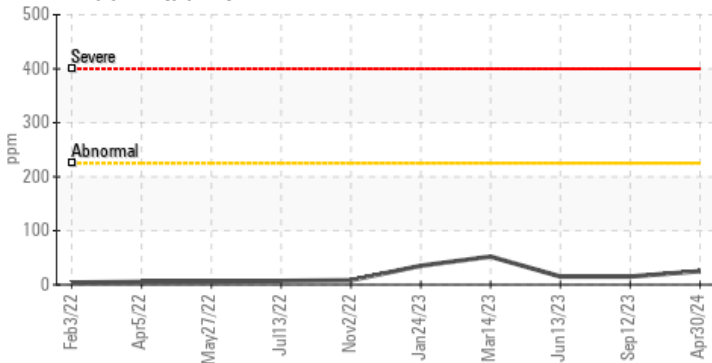
Aluminum (ppm)



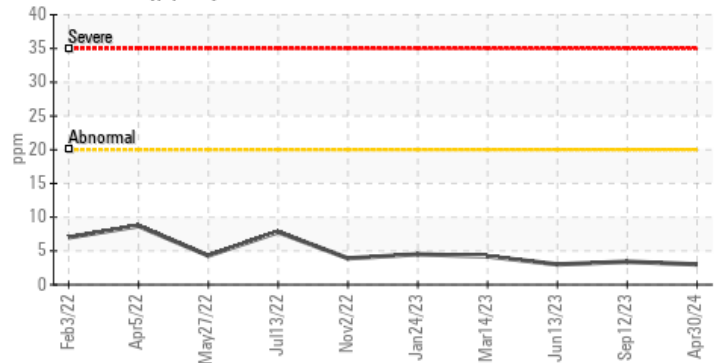
Chromium (ppm)



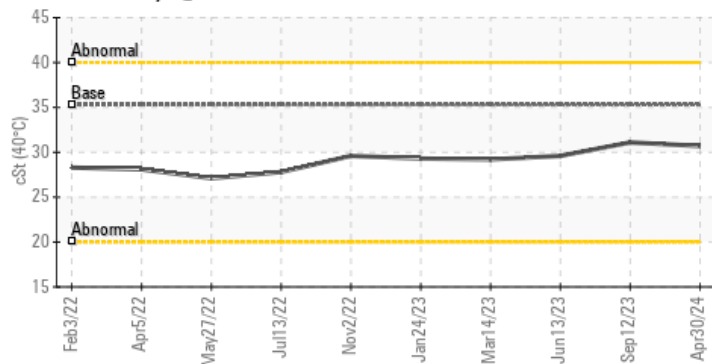
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

