



CONSTRUCTION EQUIPMENT

SPM729125 VOLVO L90H 625106 - TRANSMISSION (AUTO)



Sample No: VCP444417
Oil Type: VOLVO AT 102
Job No: SPM729125



SAMPLE INFORMATION

Sample Number	VCP444417	VCP415284	VCP354449	VCP05839647
Sample Date	10 Jun 2024	12 Oct 2023	22 Aug 2023	18 Apr 2023
Machine Hours	6517	5121	4106	4020
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

UNITED SCRAP
 1545 S CICERO AVE
 CICERO, IL
 US 60804
 Contact: RON LUCHTENBURG
 rluchten@unitedscrap.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	29.3	27.9	27.7	27.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	4	2
Sodium	ppm	5	4	4	3
Potassium	ppm	2	2	1	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	27	53	55	51
Copper	ppm	3	4	6	2
Lead	ppm	0	<1	2	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	1	2	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	3	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	158	112	137	113
Magnesium	ppm	13	41	34	36
Zinc	ppm	31	73	77	62
Phosphorus	ppm	273	212	222	208
Barium	ppm	0	0	0	0
Boron	ppm	87	62	78	76

Depot: UNICICIL
Unique No: 11090094
Signed: Wes Davis
Report Date: 24 Jun 2024

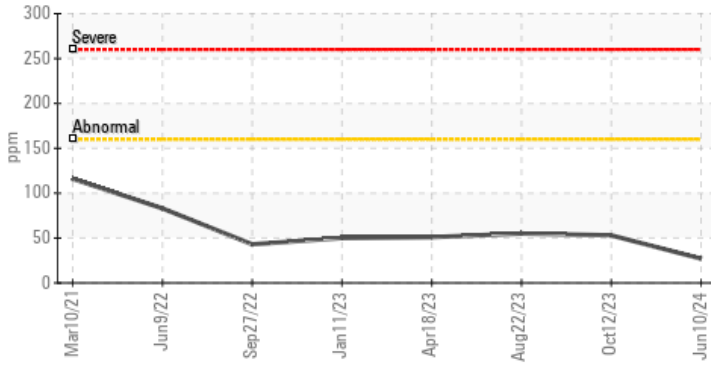


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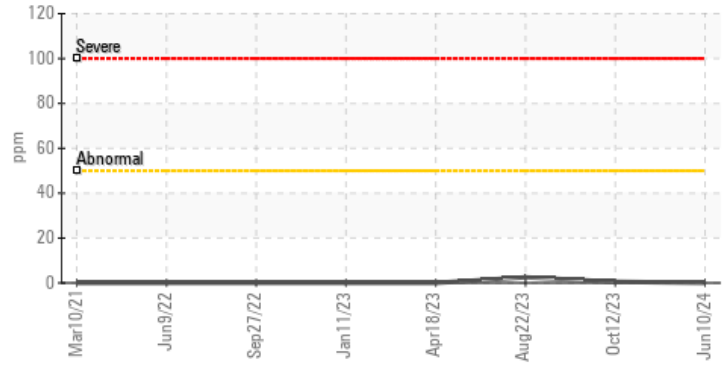


GRAPHS

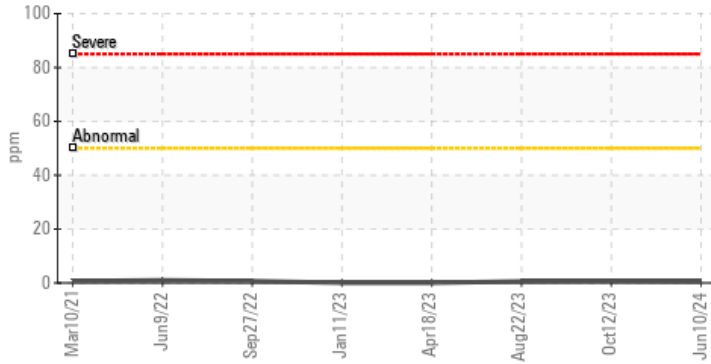
Iron (ppm)



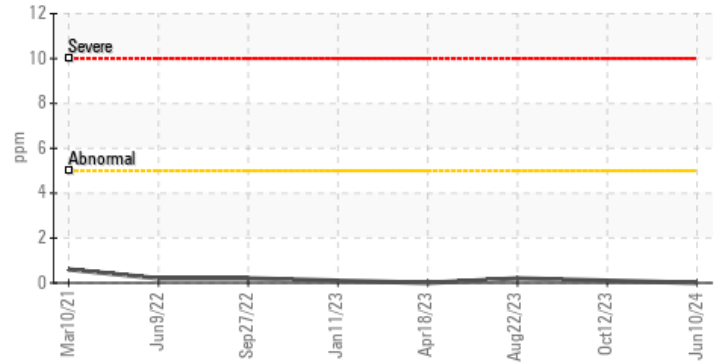
Lead (ppm)



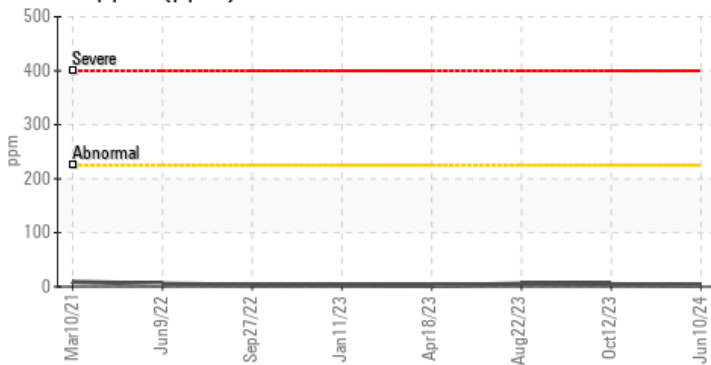
Aluminum (ppm)



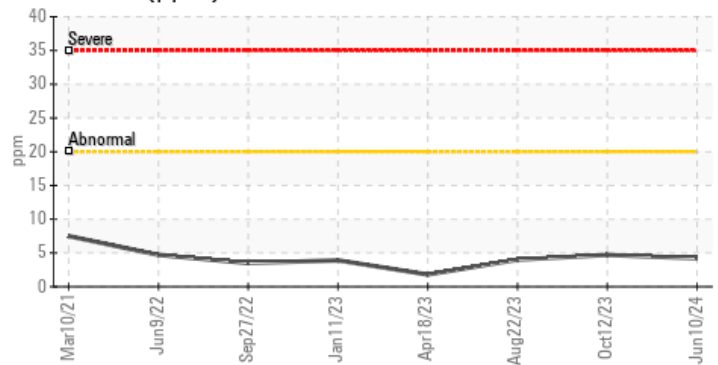
Chromium (ppm)



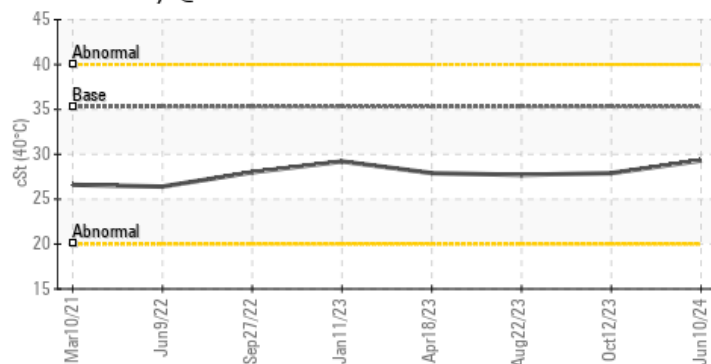
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

