



CONSTRUCTION EQUIPMENT

SPM595106 VOLVO L90H 624199 - TRANSMISSION (AUTO)



Sample No: VCP354483
Oil Type: VOLVO AT 102
Job No: SPM595106



SAMPLE INFORMATION

Sample Number	VCP354483	VCP422178	VCP383369	VCP365865
Sample Date	22 Aug 2023	06 Jun 2023	28 Feb 2023	01 Nov 2022
Machine Hours	9032	9032	8356	7635
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
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	28.9	28.9	28.9	29.2
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CONTAMINATION

Silicon	ppm	4	2	2	2
Sodium	ppm	3	2	0	0
Potassium	ppm	1	0	2	2



WEAR METALS

Iron	ppm	9	7	6	4
Copper	ppm	7	3	3	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	2	2
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	156	132	136	130
Magnesium	ppm	43	36	33	32
Zinc	ppm	103	54	63	61
Phosphorus	ppm	294	240	227	262
Barium	ppm	2	0	0	1
Boron	ppm	108	92	88	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: UNICICIL
Unique No: 10633301
Signed: Don Baldrige
Report Date: 07 Sep 2023

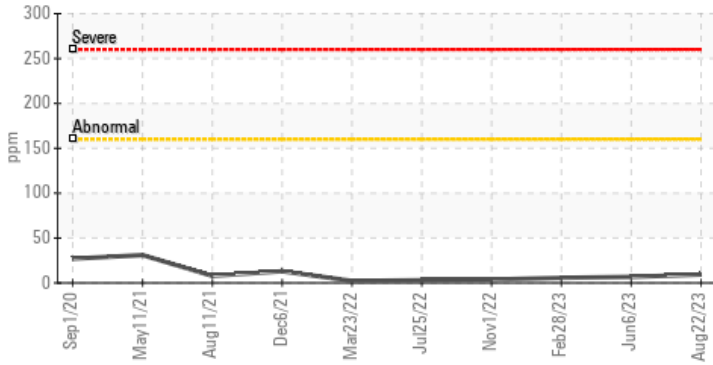


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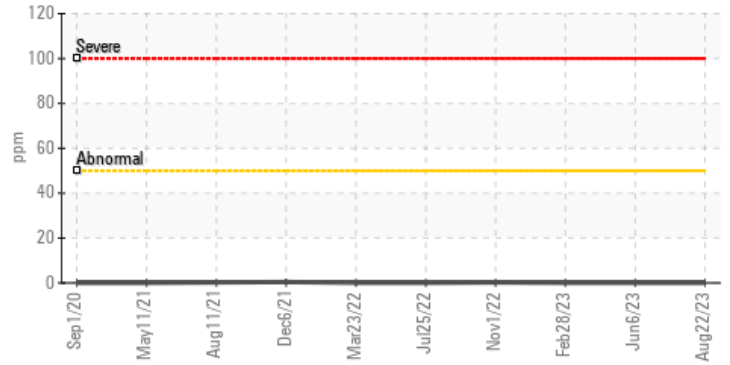


VOLVO GRAPHS

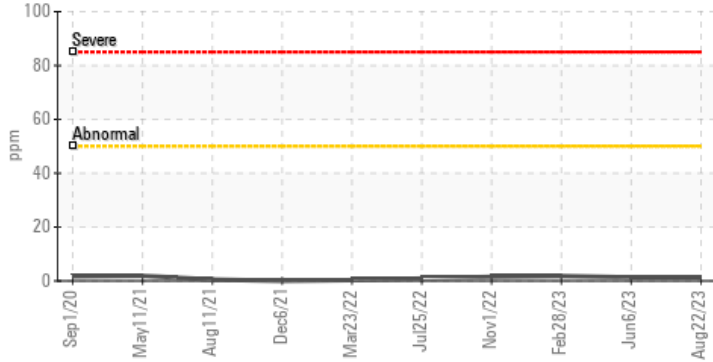
Iron (ppm)



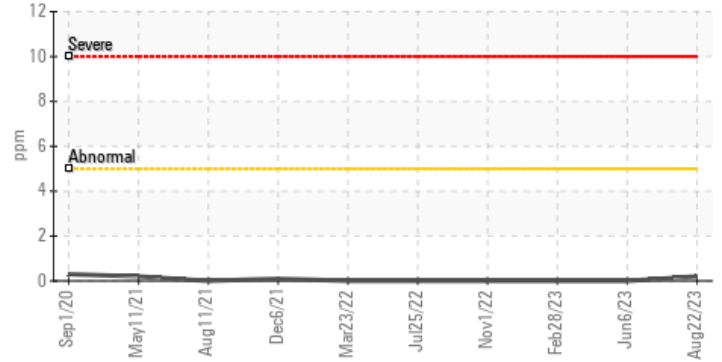
Lead (ppm)



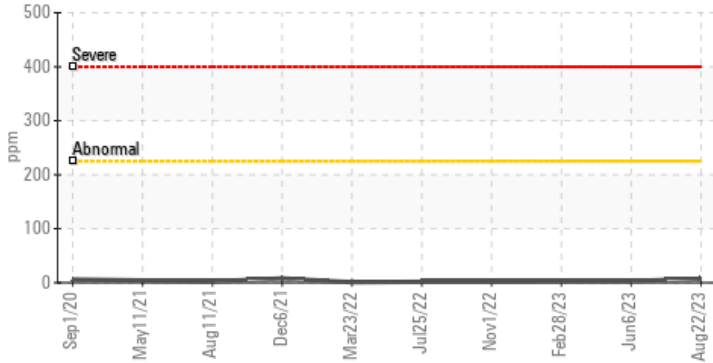
Aluminum (ppm)



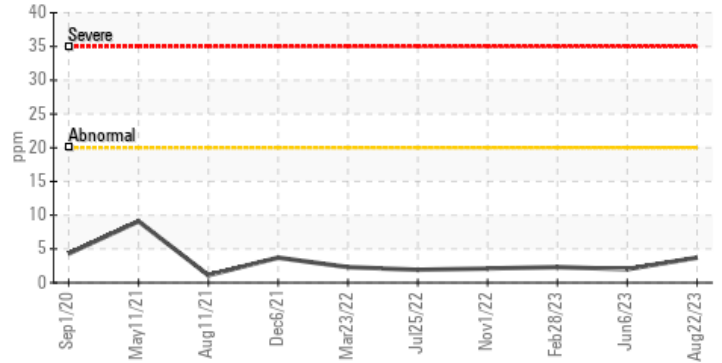
Chromium (ppm)



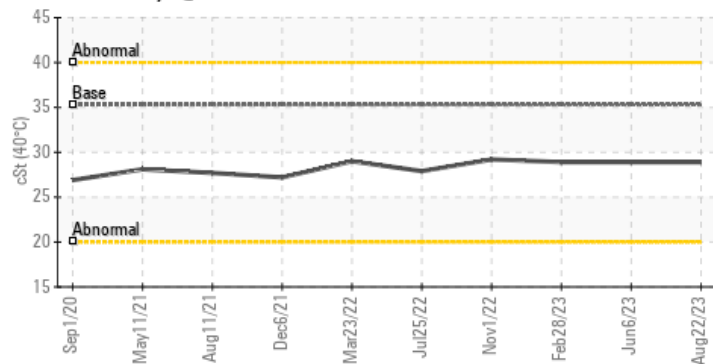
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

