



CONSTRUCTION EQUIPMENT

19804 LKQ VOLVO L90H 624047 - TRANSMISSION (AUTO)



Sample No: VCP411907
Oil Type: VOLVO AT 102
Job No: 19804 LKQ



SAMPLE INFORMATION

Sample Number	VCP411907	VCP0005126	VCP371667	VCP348178
Sample Date	26 Sep 2023	12 Dec 2022	13 Jul 2022	08 Mar 2022
Machine Hours	11145	10016	9403	8692
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

117 - ASCENDUM MACHINERY INC - GREENVILLE
 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	27.9	28.0	27.9	28.0
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CONTAMINATION

Silicon	ppm	7	4	4	3
Sodium	ppm	0	3	1	2
Potassium	ppm	3	0	2	0



WEAR METALS

Iron	ppm	26	20	20	13
Copper	ppm	3	3	3	2
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	3	2	3	2
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	115	139	122	118
Magnesium	ppm	6	11	6	2
Zinc	ppm	16	31	26	16
Phosphorus	ppm	173	228	207	209
Barium	ppm	<1	0	0	0
Boron	ppm	76	72	87	77

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: VOLVO8769
Unique No: 10702516
Signed: Wes Davis
Report Date: 23 Oct 2023

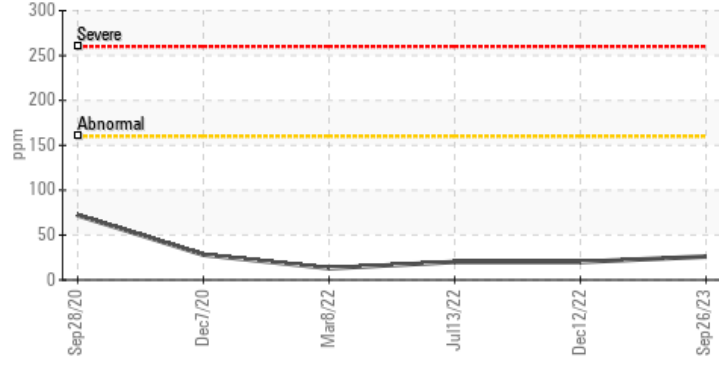


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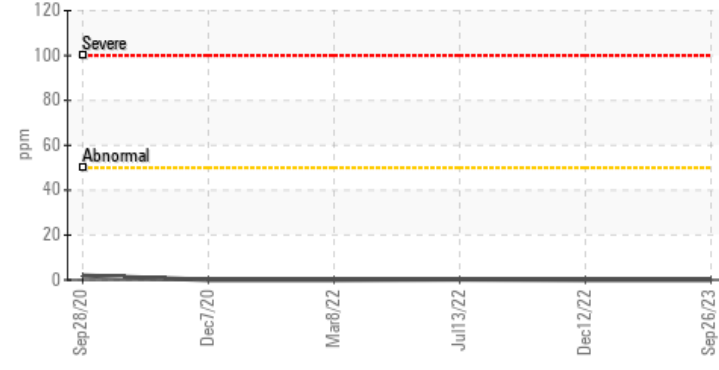


GRAPHS

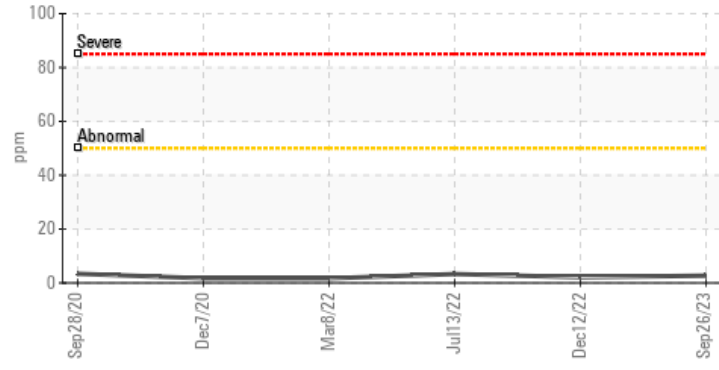
Iron (ppm)



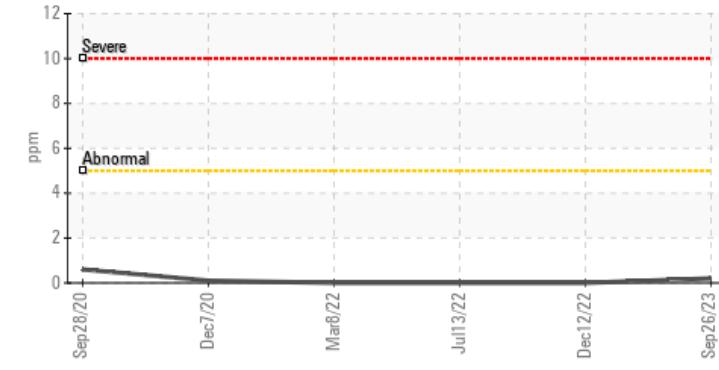
Lead (ppm)



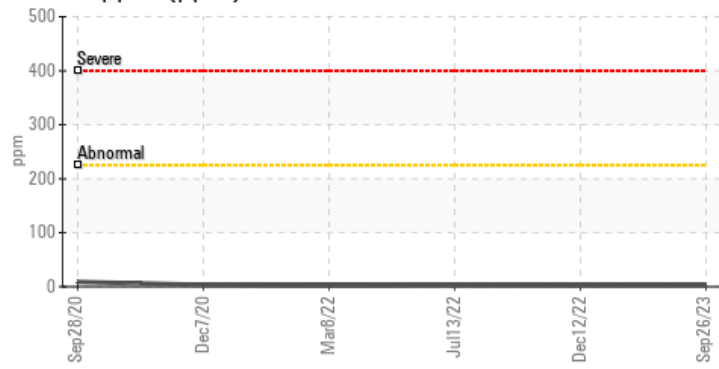
Aluminum (ppm)



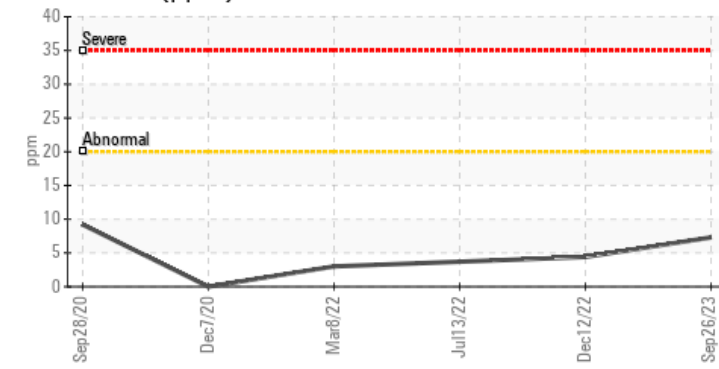
Chromium (ppm)



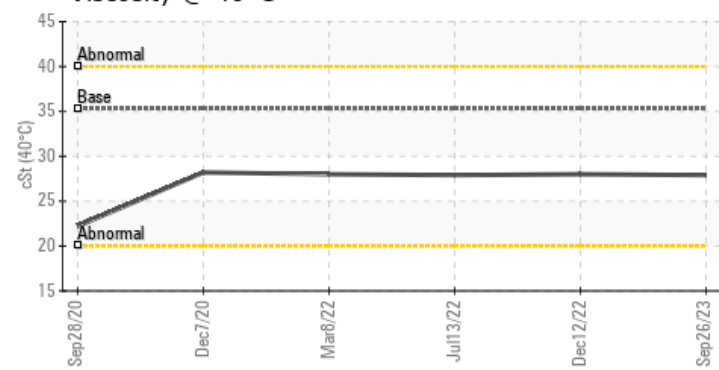
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

