



CONSTRUCTION EQUIPMENT

GRASSY CREEK VOLVO L 180G 22208 - TRANSMISSION (AUTO)



Sample No: VCP426937
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: GRASSY CREEK



SAMPLE INFORMATION

Sample Number	VCP426937	VCE69635	---	---
Sample Date	24 Jul 2023	08 Jan 2015	---	---
Machine Hours	6318	2007	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

160 - ASCENDUM MACHINERY INC - MILLS RIVER
 215 FANNING FIELDS RD
 MILLS RIVER, NC
 US 28759
 Contact: BRANDON DRAKE
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 T: 8(286)687-0620
 F: (828)687-0622



OIL CONDITION

Visc @ 40°C	cSt	31.2	27.84	---	---
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CONTAMINATION

Silicon	ppm	5	9	---	---
Sodium	ppm	<1	6	---	---
Potassium	ppm	0	3	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch and/or bushing/bearing wear is indicated. 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	55	169	---	---
Copper	ppm	294	9	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	4	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	2	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	1152	186	---	---
Magnesium	ppm	9	<1	---	---
Zinc	ppm	499	20	---	---
Phosphorus	ppm	521	292	---	---
Barium	ppm	0	2	---	---
Boron	ppm	65	82	---	---

Depot: VOLVO1672
Unique No: 10577028
Signed: Don Baldrige
Report Date: 31 Jul 2023

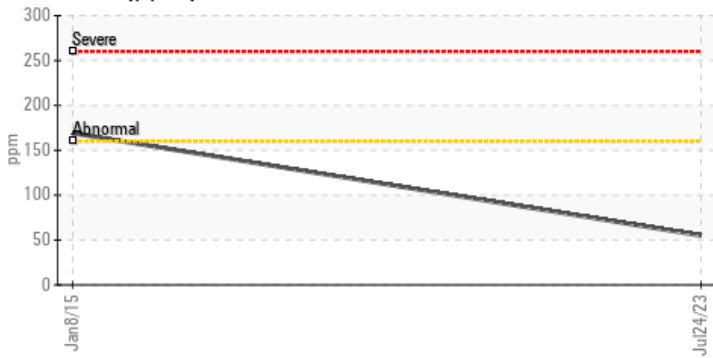


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GRAPHS

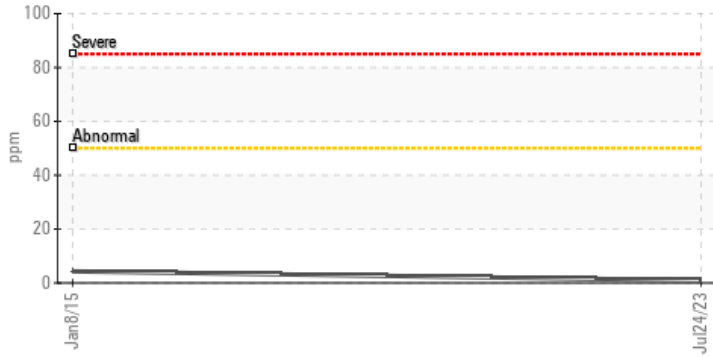
Iron (ppm)



Lead (ppm)



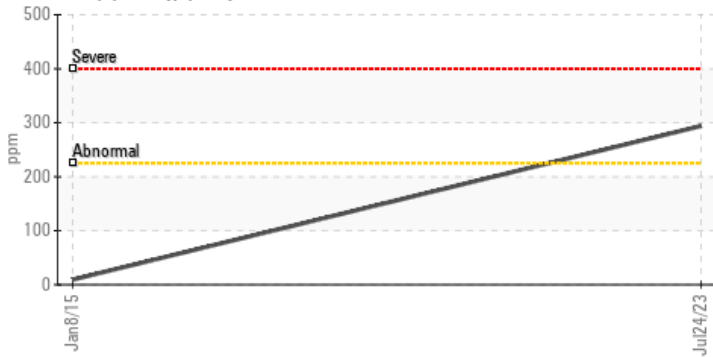
Aluminum (ppm)



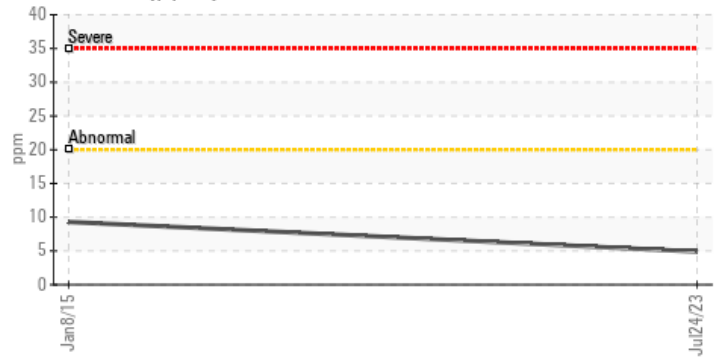
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

