



CONSTRUCTION EQUIPMENT

19767 LANE-BLYTHE VOLVO A45GFS 352243 - DROP BOX



Sample No: VCP443378
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19767 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP443378	VCP417576	---	---
Sample Date	03 Oct 2023	07 Jun 2023	---	---
Machine Hours	3965	3003	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	46.9	46.6	---	---
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CONTAMINATION

Silicon	ppm	11	9	---	---
Sodium	ppm	1	4	---	---
Potassium	ppm	4	<1	---	---



WEAR METALS

Iron	ppm	147	114	---	---
Copper	ppm	16	14	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	▲ 33	▲ 31	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	5	4	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	167	164	---	---
Magnesium	ppm	5	1	---	---
Zinc	ppm	170	129	---	---
Phosphorus	ppm	2199	2337	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	126	115	---	---

Diagnosis

The oil 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. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8769
Unique No: 10702488
Signed: Don Baldrige
Report Date: 23 Oct 2023

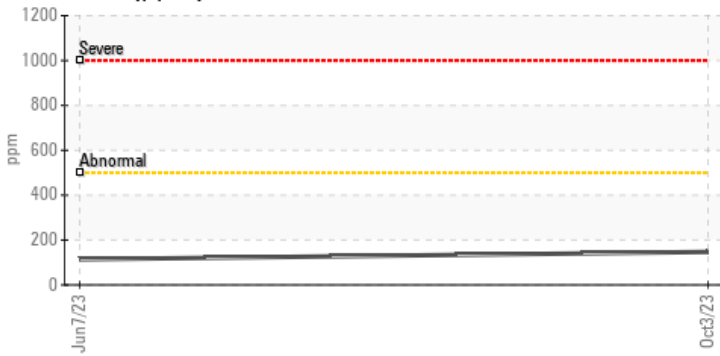


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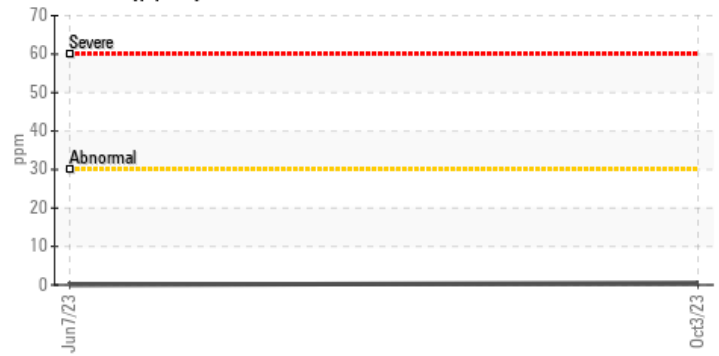


GRAPHS

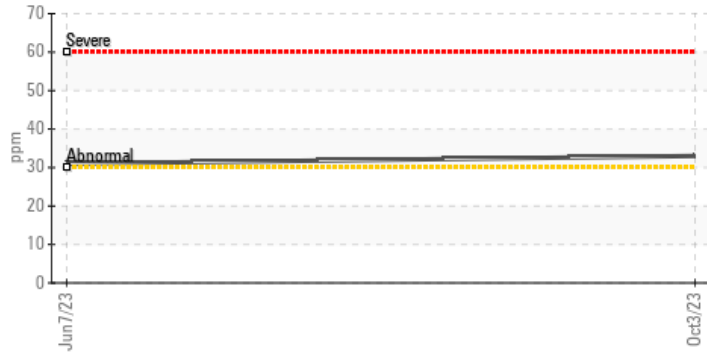
Iron (ppm)



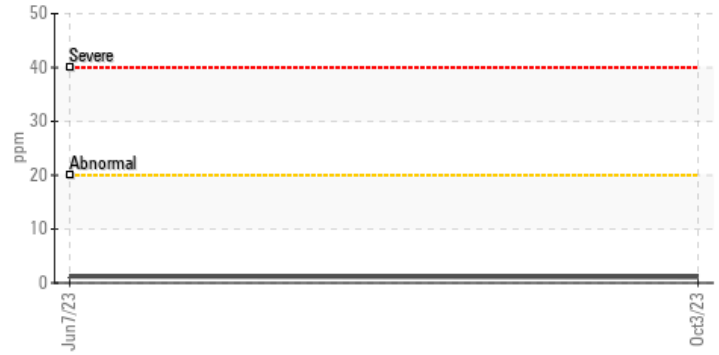
Lead (ppm)



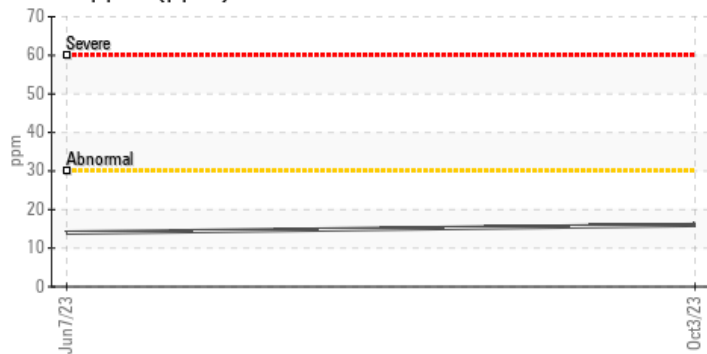
Aluminum (ppm)



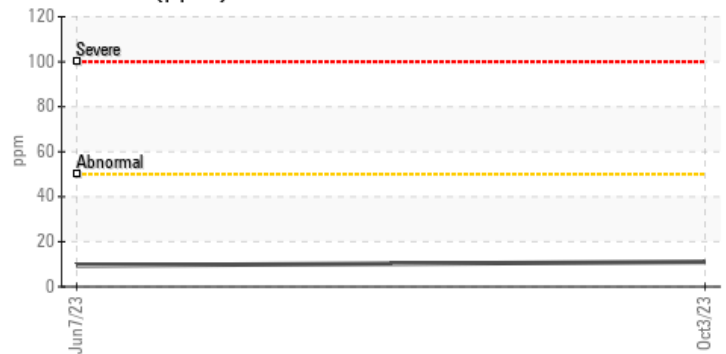
Chromium (ppm)



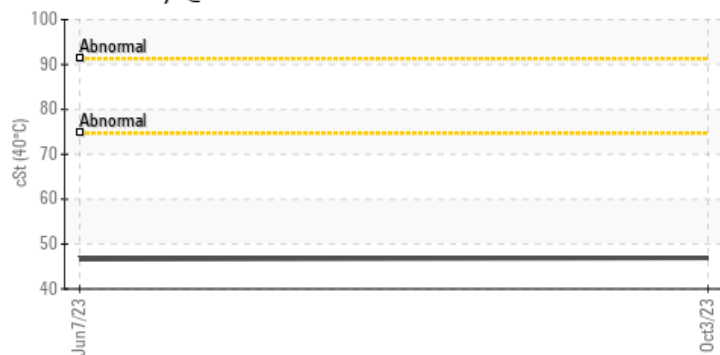
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

