



CONSTRUCTION EQUIPMENT

SPM688079 US STEEL VOLVO A25G 752203 - BRAKE COOLING SYSTEM



Sample No: VCP427237
Oil Type: VOLVO WB 102
Job No: SPM688079 US STEEL



SAMPLE INFORMATION

Sample Number	VCP427237	VCP360033	---	---
Sample Date	19 Mar 2024	29 Mar 2022	---	---
Machine Hours	5160	3706	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.7	43.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	17	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	0	0	---	---

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	39	96	---	---
Copper	ppm	12	91	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3055	3259	---	---
Magnesium	ppm	17	28	---	---
Zinc	ppm	1310	1349	---	---
Phosphorus	ppm	1126	1230	---	---
Barium	ppm	0	0	---	---
Boron	ppm	129	120	---	---

Depot: VOLVO8885
Unique No: 10990283
Signed: Don Baldrige
Report Date: 23 Apr 2024

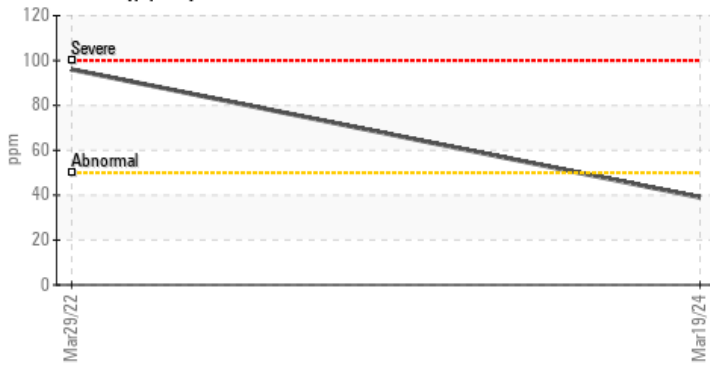


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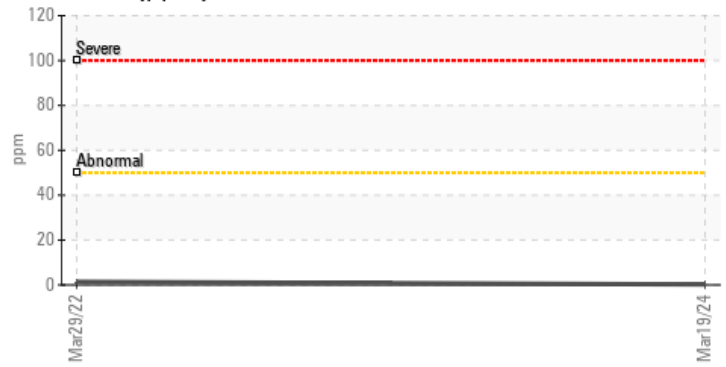


GRAPHS

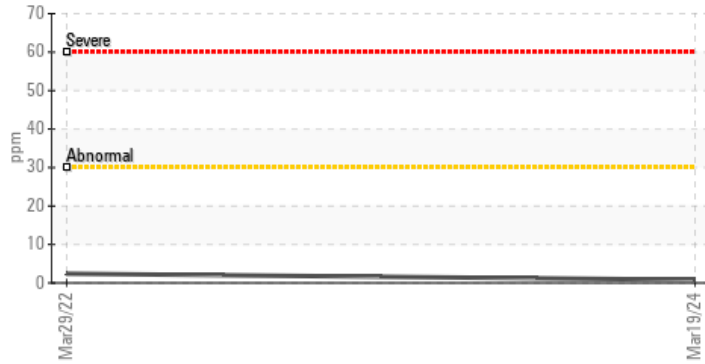
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



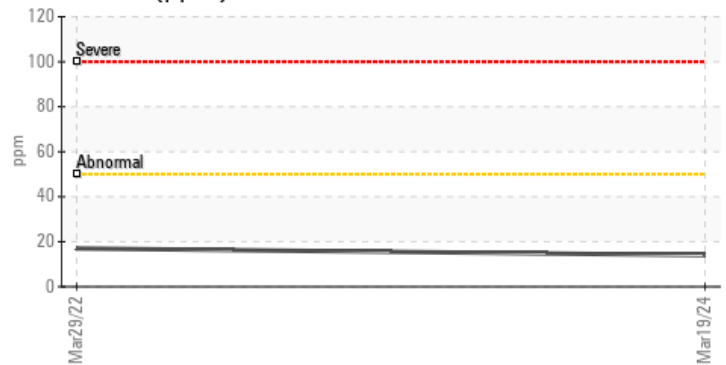
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

