



CONSTRUCTION EQUIPMENT

SPM717839 MCIRON VOLVO A45GFS 352632 - DROP BOX



Sample No: VCP444191
Oil Type: GEAR OIL SAE 75W90
Job No: SPM717839 MCIRON



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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F:



SAMPLE INFORMATION

Sample Number	VCP444191	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	3995	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 106	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 322	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 12	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 31	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	█ 1815	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 121	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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: VOLVO8885
Unique No: 11090006
Signed: Wes Davis
Report Date: 24 Jun 2024

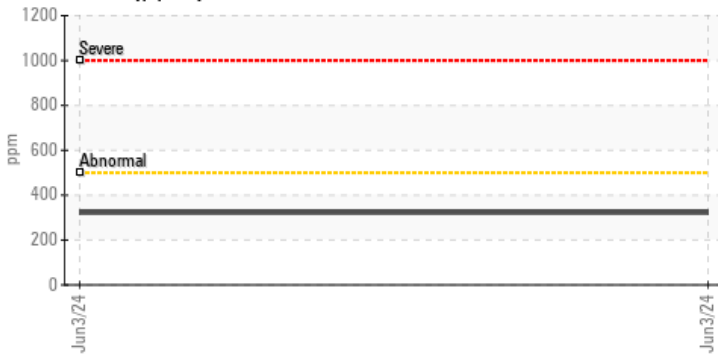


CONSTRUCTION EQUIPMENT

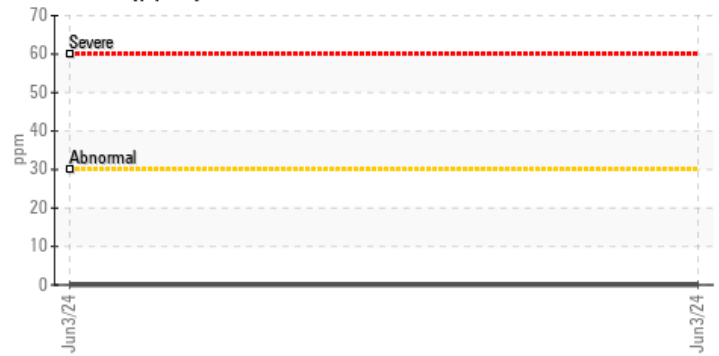


GRAPHS

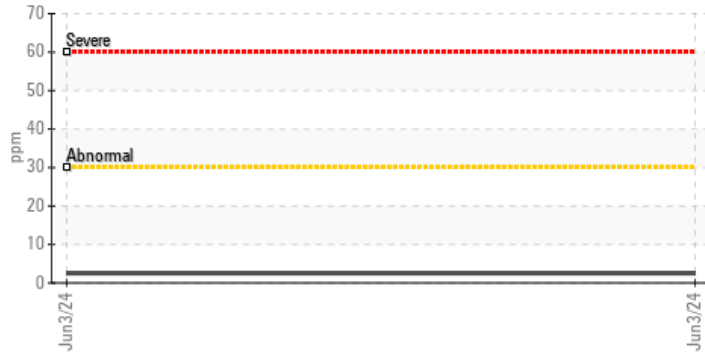
Iron (ppm)



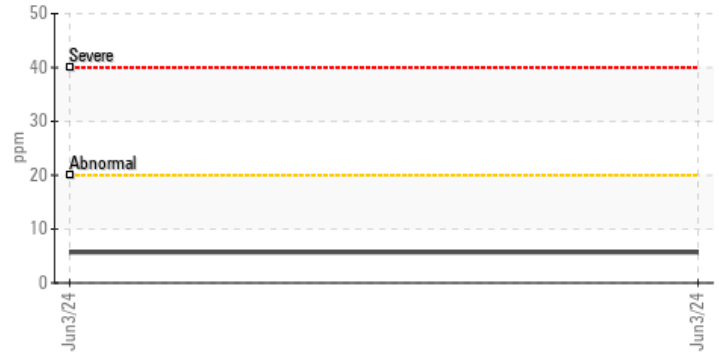
Lead (ppm)



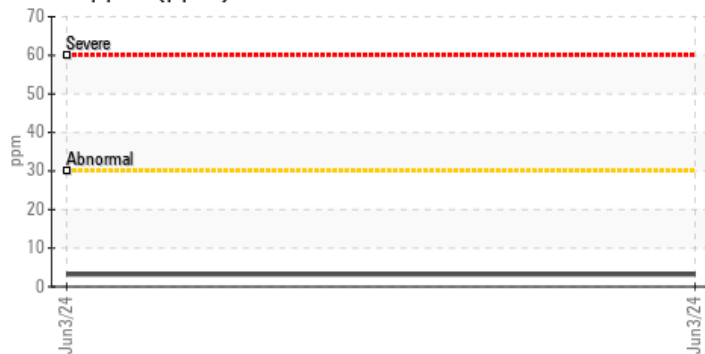
Aluminum (ppm)



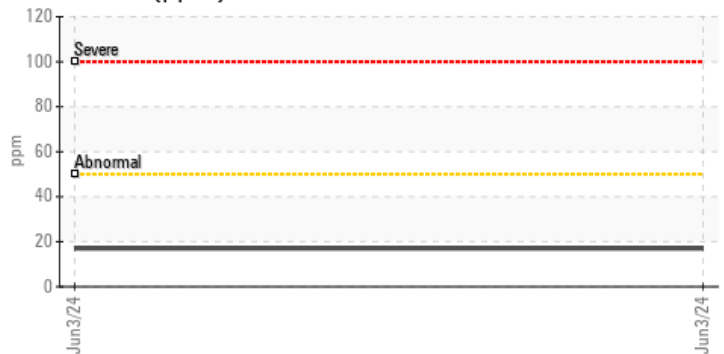
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

