



CONSTRUCTION EQUIPMENT

12252 VOLVO A45G 353036 - DROP BOX



Sample No: VCP438178
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 12252



SAMPLE INFORMATION

Sample Number	VCP438178	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1856	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
 Contact: JIM FEHR
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OIL CONDITION

Visc @ 40°C	cSt	█ 122	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---

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.



WEAR METALS

Iron	ppm	█ 283	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 15	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 75	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 48	---	---	---
Phosphorus	ppm	█ 1141	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 179	---	---	---

Depot: VOLVO8879
Unique No: 11021920
Signed: Wes Davis
Report Date: 13 May 2024

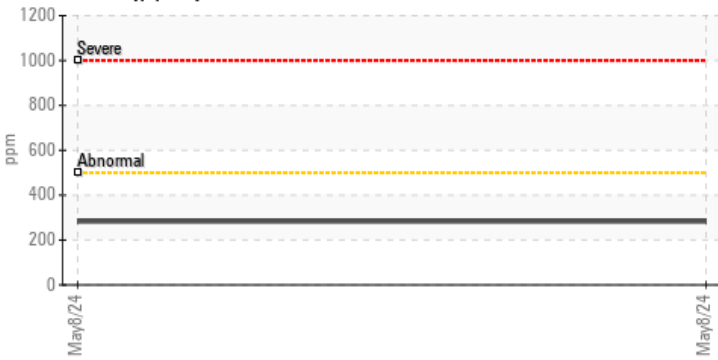


CONSTRUCTION EQUIPMENT

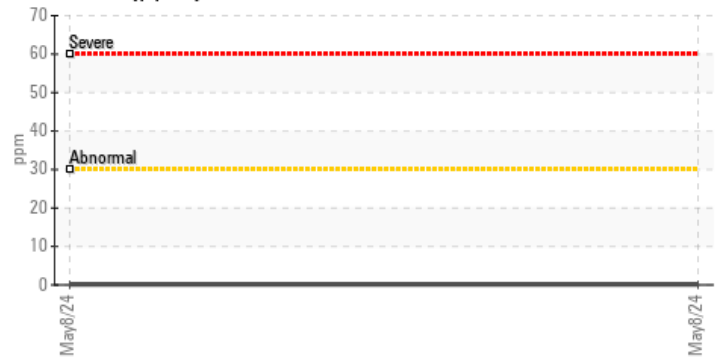


GRAPHS

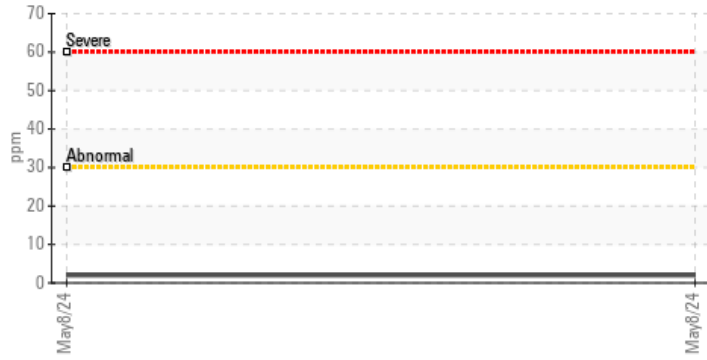
Iron (ppm)



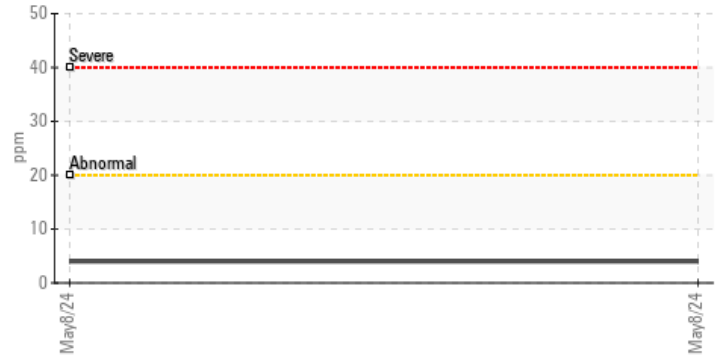
Lead (ppm)



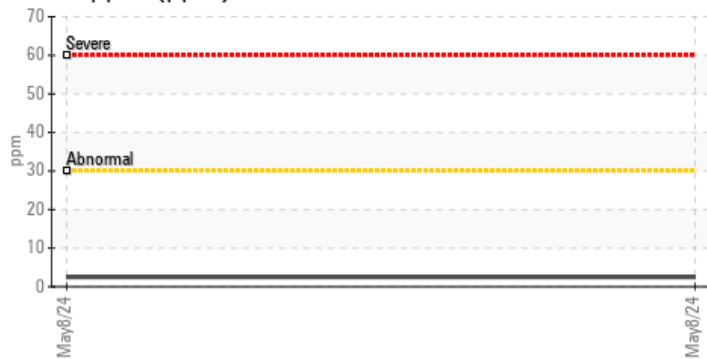
Aluminum (ppm)



Chromium (ppm)



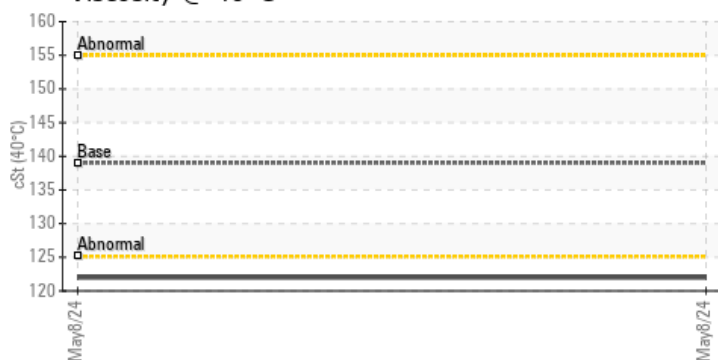
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

