



CONSTRUCTION EQUIPMENT

SW-33730-2 CLAWSON VOLVO A45G 352577 - DROP BOX



Sample No: VCP395701
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-33730-2 CLAWSON



SAMPLE INFORMATION

Sample Number	VCP395701	VCP360528	---	---
Sample Date	01 May 2024	05 Apr 2022	---	---
Machine Hours	4998	2320	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	182	173	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	15	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	0	1	---	---

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	198	247	---	---
Copper	ppm	0	3	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	7	14	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	78	58	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	72	40	---	---
Phosphorus	ppm	1107	588	---	---
Barium	ppm	0	0	---	---
Boron	ppm	171	43	---	---

Depot: VOLVO8770
Unique No: 11020321
Signed: Wes Davis
Report Date: 10 May 2024

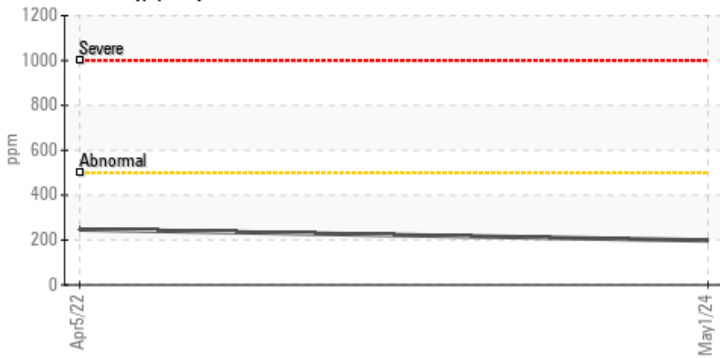


CONSTRUCTION EQUIPMENT

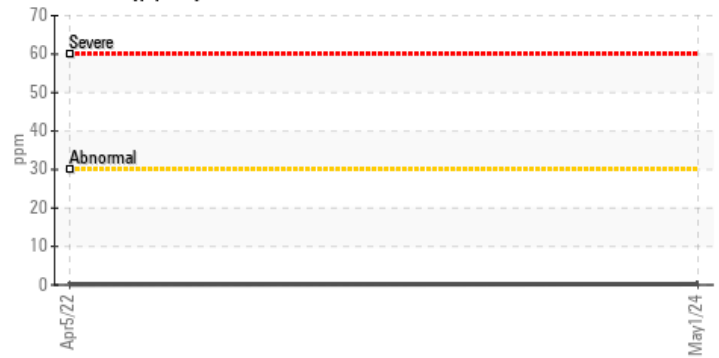


GRAPHS

Iron (ppm)



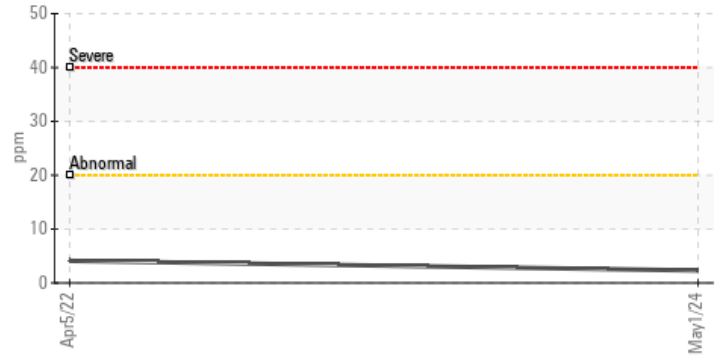
Lead (ppm)



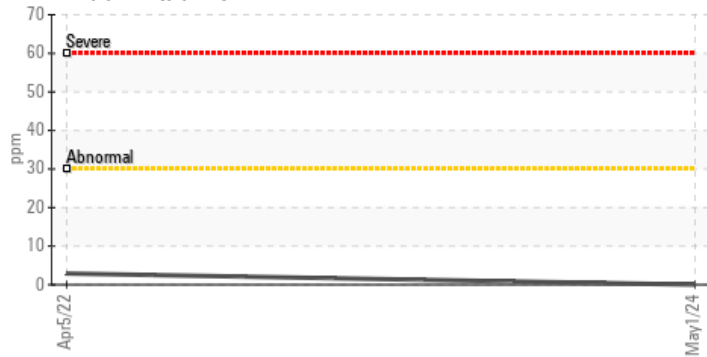
Aluminum (ppm)



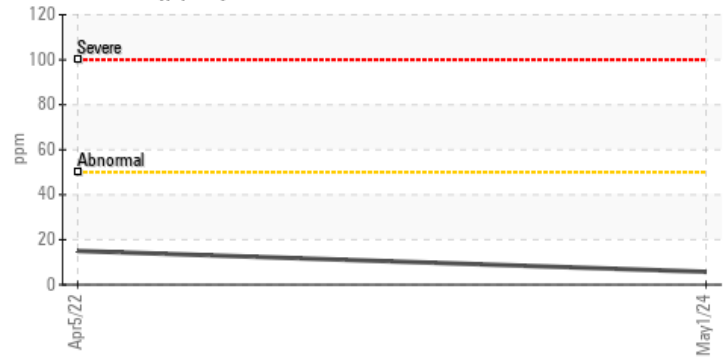
Chromium (ppm)



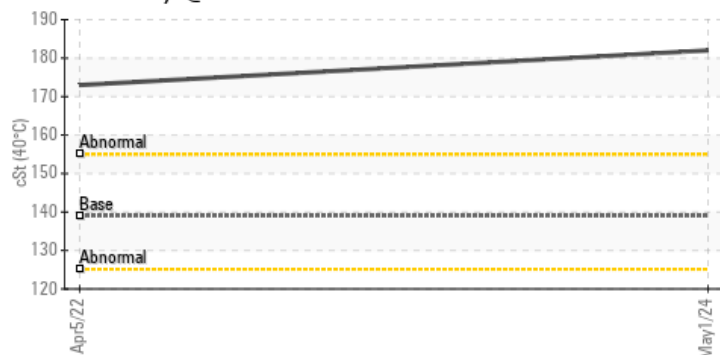
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

