



CONSTRUCTION EQUIPMENT

SW1033699 VOLVO A30G 752494 - DROP BOX



Sample No: VCP396121
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW1033699



SAMPLE INFORMATION

Sample Number	VCP396121	VCP422956	---	---
Sample Date	02 May 2024	05 Jul 2023	---	---
Machine Hours	3088	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 F:



OIL CONDITION

Visc @ 40°C	cSt	153	140	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	52	---	---
Sodium	ppm	0	13	---	---
Potassium	ppm	2	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	159	463	---	---
Copper	ppm	3	1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	17	---	---
Chromium	ppm	3	9	---	---
Molybdenum	ppm	5	13	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2724	2761	---	---
Magnesium	ppm	44	42	---	---
Zinc	ppm	926	928	---	---
Phosphorus	ppm	1010	1192	---	---
Barium	ppm	2	0	---	---
Boron	ppm	53	56	---	---

Depot: VOLVO5856
Unique No: 11021932
Signed: Sean Felton
Report Date: 14 May 2024

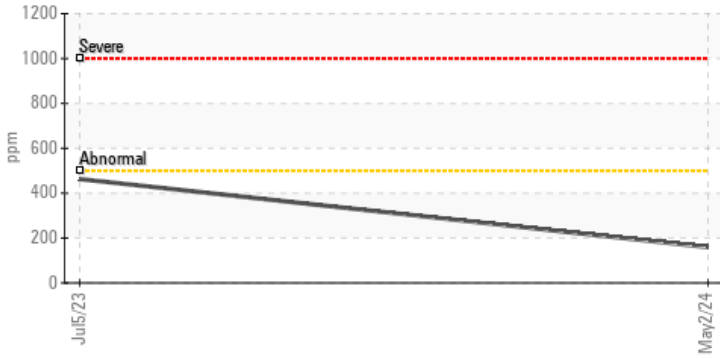


CONSTRUCTION EQUIPMENT

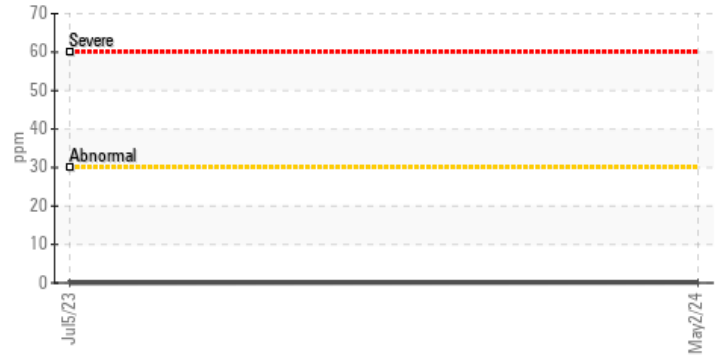


GRAPHS

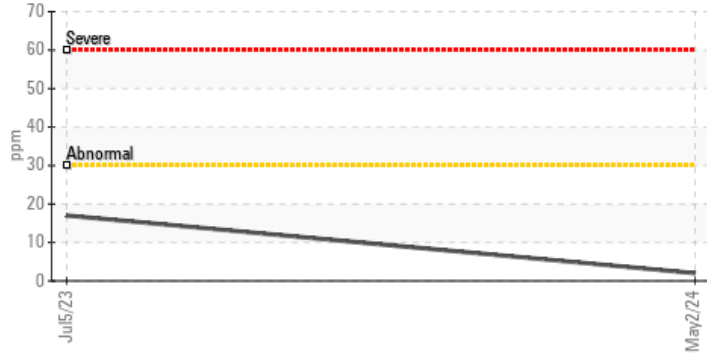
Iron (ppm)



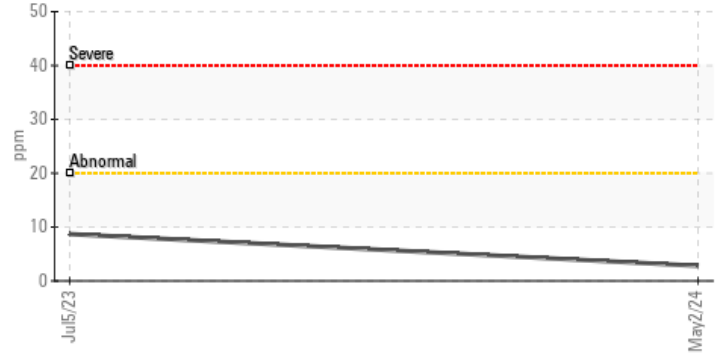
Lead (ppm)



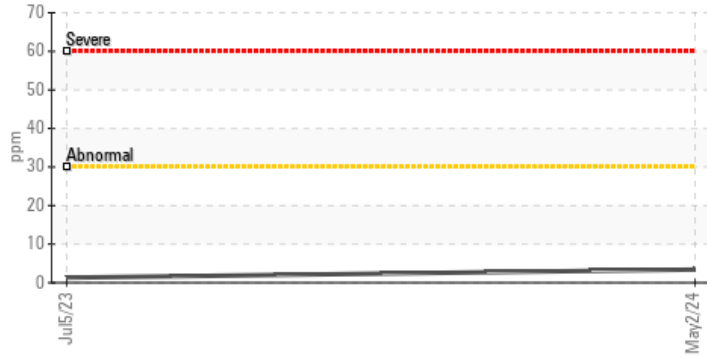
Aluminum (ppm)



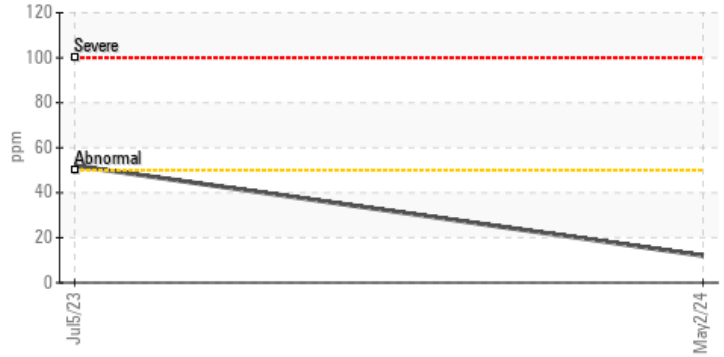
Chromium (ppm)



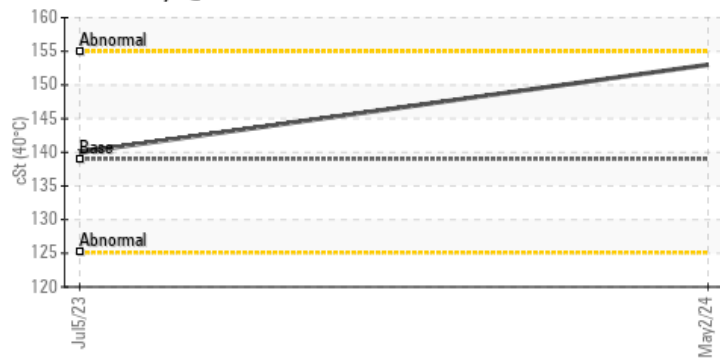
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

