



CONSTRUCTION EQUIPMENT

VOLVO A45G 342540 - DROP BOX



Sample No: VCP0007588
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007588	VCP336937	VCP300042	---
Sample Date	06 Jul 2023	09 Nov 2021	12 Feb 2021	---
Machine Hours	0	4094	3069	---
Oil Hours	0	2000	3069	---
Oil Changed	N/A	Changed	Not Changd	---
Sample Status	ABNORMAL	ATTENTION	ABNORMAL	---

QGS - QUALITY GRASSES SERV/TCF LEASING
 17502 CR 672
 LITHIA, FL
 US 33547
 Contact: GARY ROGERS
 grogers@qgsdevelopment.com
 T: (813)323-4119
 F:



OIL CONDITION

Visc @ 40°C	cSt	149	50.9	49.2	---
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CONTAMINATION

Silicon	ppm	17	4	55	---
Sodium	ppm	0	4	11	---
Potassium	ppm	2	<1	4	---



WEAR METALS

Iron	ppm	95	280	181	---
Copper	ppm	2	5	48	---
Lead	ppm	0	<1	1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	<1	30	---
Chromium	ppm	1	3	2	---
Molybdenum	ppm	4	4	8	---
Nickel	ppm	1	1	1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	<1	<1	---
Manganese	ppm	1	9	4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	3404	153	64	---
Magnesium	ppm	20	1	5	---
Zinc	ppm	1218	66	95	---
Phosphorus	ppm	1091	2263	2280	---
Barium	ppm	0	0	0	---
Boron	ppm	64	170	98	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: QUALITFL
Unique No: 10549875
Signed: Sean Felton
Report Date: 11 Jul 2023

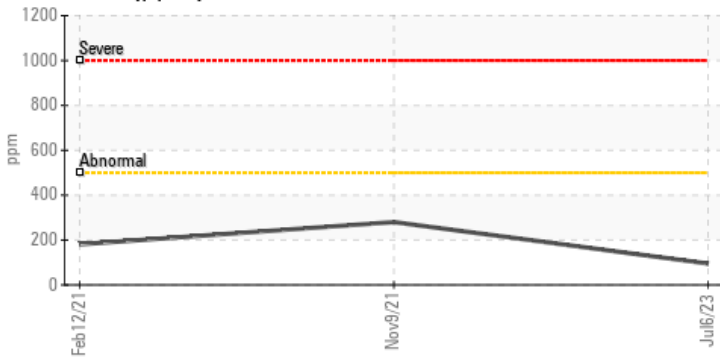


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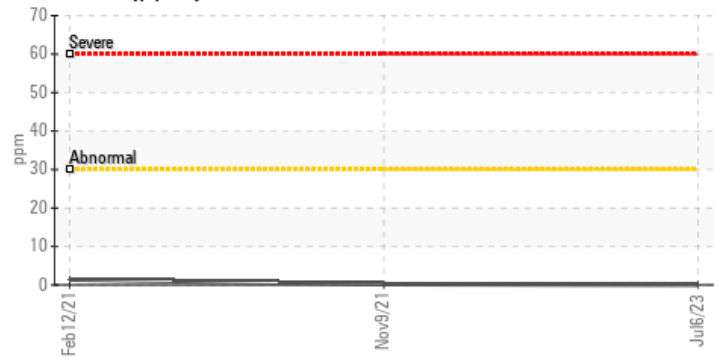


GRAPHS

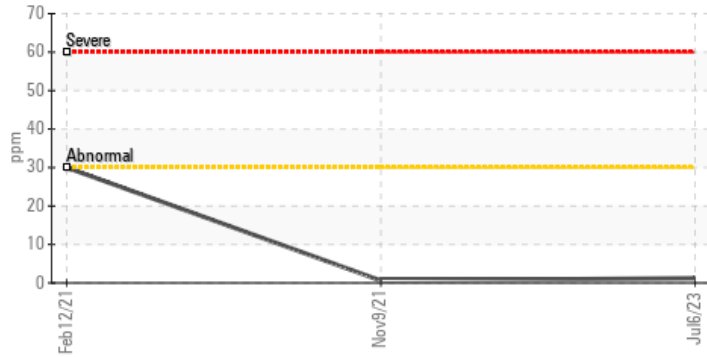
Iron (ppm)



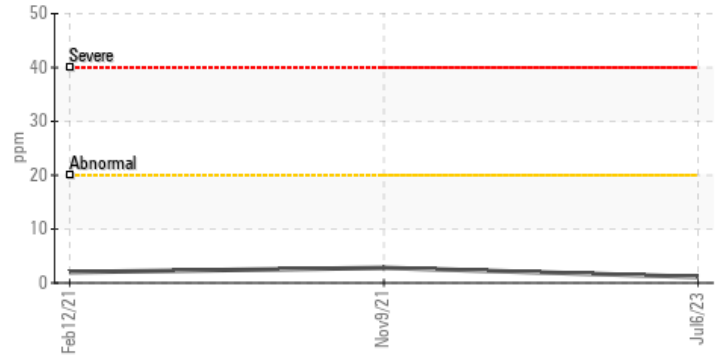
Lead (ppm)



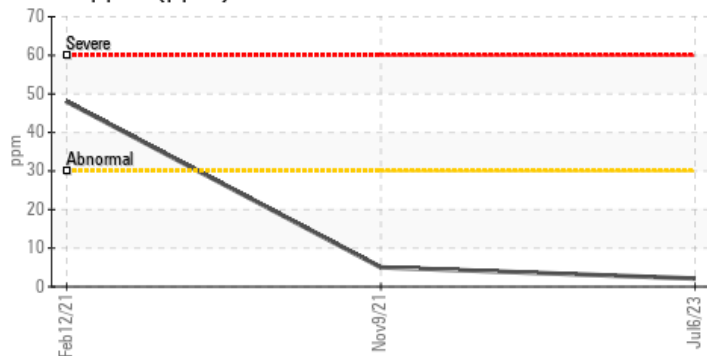
Aluminum (ppm)



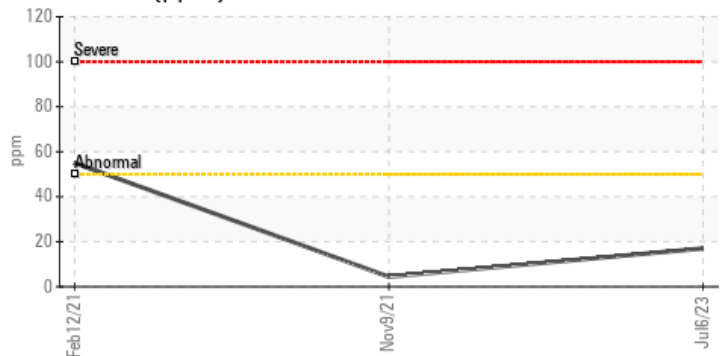
Chromium (ppm)



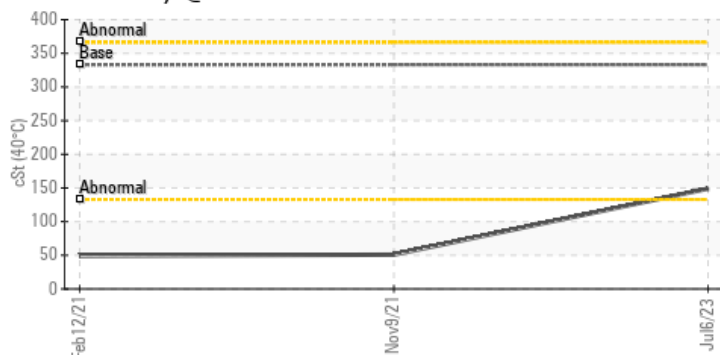
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

