



CONSTRUCTION EQUIPMENT

VOLVO A45G 342538 - BRAKE COOLING SYSTEM



Sample No: VCP0007975
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007975	VCP360250	VCP276353	---
Sample Date	06 Jul 2023	12 Apr 2022	27 Apr 2020	---
Machine Hours	0	5233	2052	---
Oil Hours	0	1000	2052	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	43.2	42.9	39.2	---
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CONTAMINATION

Silicon	ppm	13	14	28	---
Sodium	ppm	2	11	13	---
Potassium	ppm	2	0	0	---

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	16	16	18	---
Copper	ppm	159	106	355	---
Lead	ppm	<1	2	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	2	0	---
Nickel	ppm	3	2	7	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3821	3910	4681	---
Magnesium	ppm	18	23	7	---
Zinc	ppm	1522	1463	1954	---
Phosphorus	ppm	1278	1266	1590	---
Barium	ppm	0	0	0	---
Boron	ppm	152	133	134	---

Depot: QUALITFL
Unique No: 10549878
Signed: Sean Felton
Report Date: 11 Jul 2023

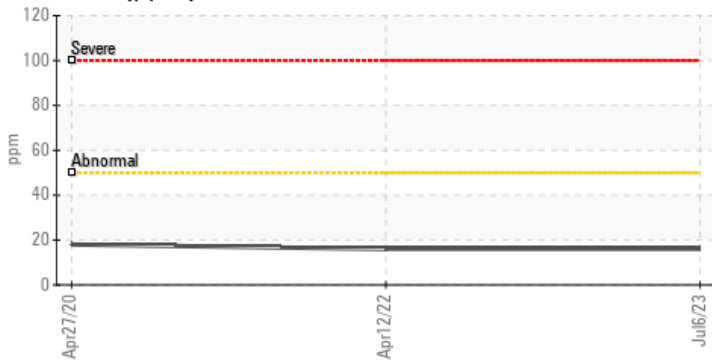


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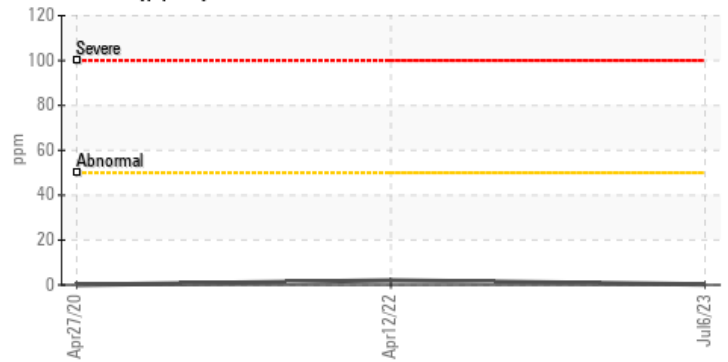


GRAPHS

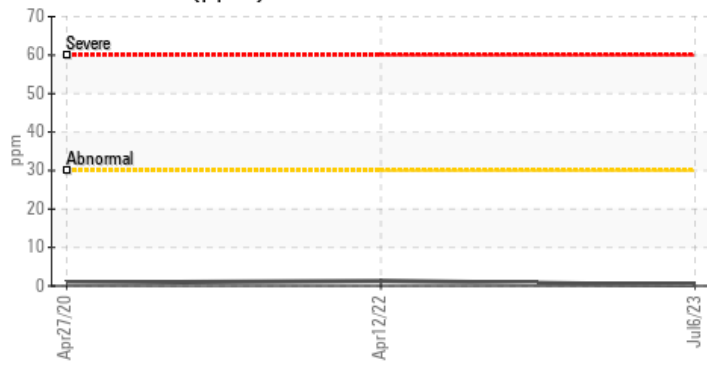
Iron (ppm)



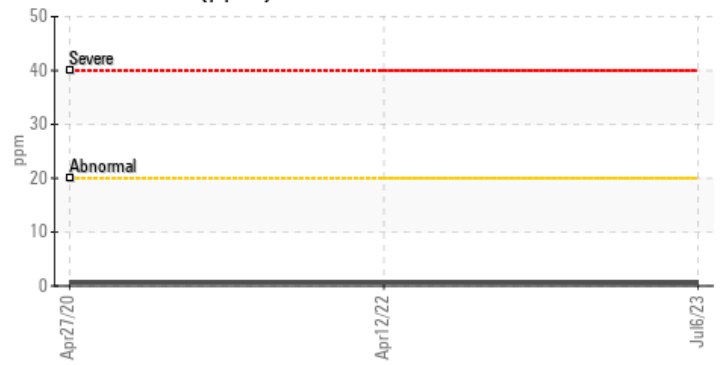
Lead (ppm)



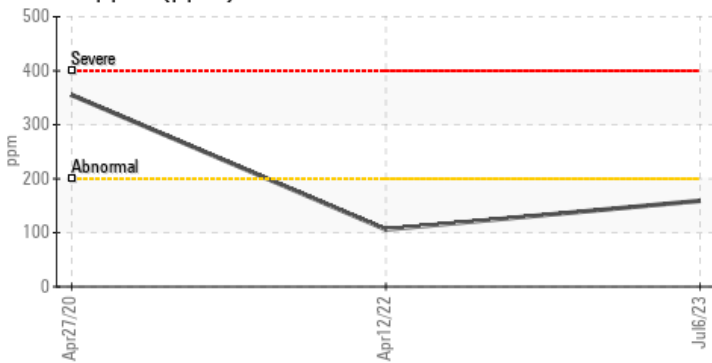
Aluminum (ppm)



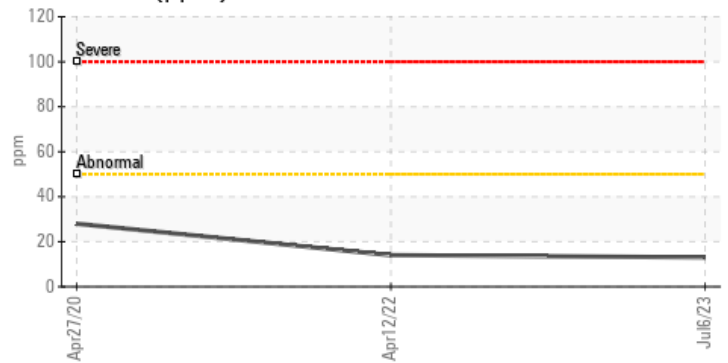
Chromium (ppm)



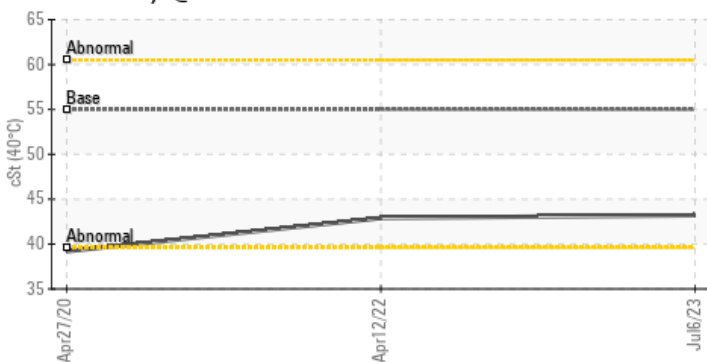
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

